

[0033] FIG. 7 illustrates the "Determine HAART Candidate" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention. FIGs. 7.1 and 7.2 are two pages of the same figure.

[0034] FIG. 8 illustrates the "HAART Candidate Readiness" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

[0035] FIG. 9 illustrates the "Status Active TB" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention. FIGs. 9.1 and 9.2 are two pages of the same figure.

[0036] FIG. 10 illustrates the "Status Latent TB" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

[0037] FIG. 11 illustrates the "TB Prophylaxis" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

[0038] FIG. 12 illustrates the "Isoniazid" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

[0039] FIG. 13 illustrates the "Efivarenc" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

[0040] FIG. 14 illustrates the "Contraindications Efivarenc" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

[0041] FIG. 15 illustrates the "Nevirapine" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

[0042] FIG. 16 illustrates the "Contraindications Nevirapine" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

[0043] FIG. 17 illustrates the "Stavudine" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

[0044] FIG. 18 illustrates the "Contraindications Stavudine" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

[0045] FIG. 19 illustrates the "Lamivudine" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention. FIGs. 19.1 and 19.2 are two pages of the same figure.

[0046] FIG. 20 illustrates the "Zidovudine" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

[0060] FIG. 34 illustrates the "Status Regimen 2 Effectiveness" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

[0061] FIG. 35 illustrates the "Status Adherence" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention.

[0062] FIG. 36 illustrates the "Status Regimen Effectiveness" sub-algorithm of the HIV/AIDS embodiment of the disease management system of the present invention. FIGs. 13.1 and 36.2 are two pages of the same figure.

[0063] FIG. 37 illustrates the "Master Patient" computer screen shot of the HIV/AIDS embodiment of the Disease Management System of the present invention.

[0064] FIG. 38 illustrates the "Clinical Data Form," part 1, computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

[0065] FIG. 39 illustrates the "Clinical Data Form," part 2, computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

[0066] FIG. 40 illustrates the "Clinical Data Form," part 3, computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

[0067] FIG. 41 illustrates the "Clinical Data Form," part 4, computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

[0068] FIG. 42 illustrates the "HAART Prep Form" computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

[0069] FIG. 43 illustrates the "Labs Form," part 1, computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

[0070] FIG. 44 illustrates the "Labs Form," part 2, computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

[0071] FIG. 45 illustrates the "Patient Flow Analysis" computer screen shot of the HIV/AIDS embodiment of the disease management system of the present invention.

FIG. 1

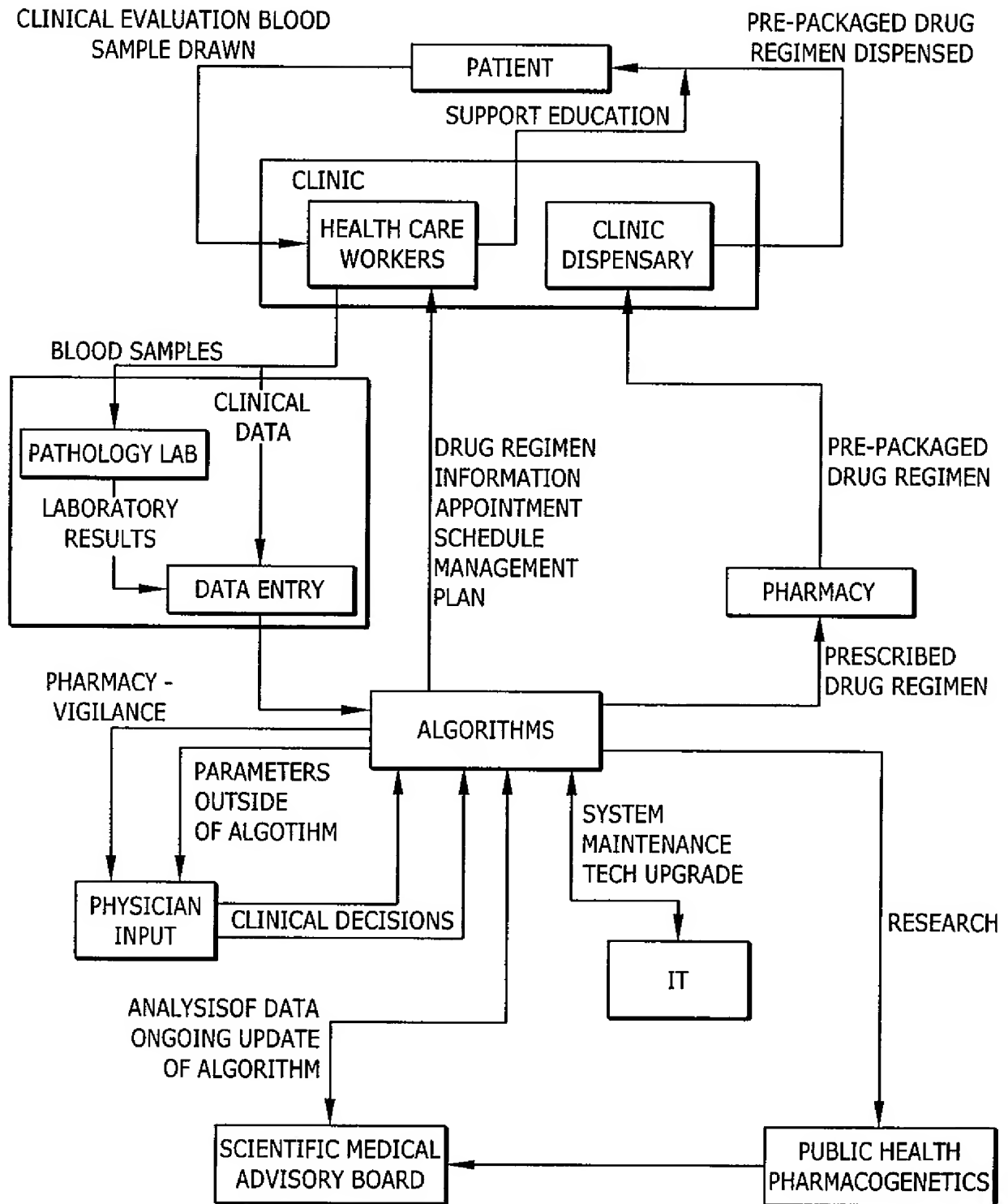


FIG. 2.1

		Form Number			
Date Prepared		Y Y Y Y		M M D D	
ASSESSMENT ART FORM					
Date of birth		Y Y Y Y		M M D D	
Height				cm	
Weight				kg on Y Y Y Y M M D D	
Now on antiretroviral medicine for HIV/AIDS?		No Yes		USE FOLLOW-UP FORM	
Documented positive HIV tests		0 1 2			
Location:		Date		Y Y Y Y M M D D	
Location:		Date		Y Y Y Y M M D D	
Previous ART exposure		PEP PMTCT ART interrupted		Yes No Unknown Yes No Unknown Yes No Unknown	
Treatment Readiness					
Do you want to be on medicine for AIDS?		Yes No			
Drug literacy training complete		Yes No			
Adherence training complete		Yes No			
Social worker consultation complete		Yes No			
Home visit complete		Yes No			
Gender		Male Female			
For Female:					
Are you pregnant?		Yes No Maybe			
Are you able to have children?		Yes No Unknown			
Do you want to have children at this time?		Yes No			
Are you using reliable contraception?		Yes No Unknown			
WHO Stage				Defining Condition	
Who Clinical Stage 1		1			
Who Clinical Stage 2		2			
Who Clinical Stage 3		3			
Who Clinical Stage 4		4			
Pneumocystis Pneumonia - current or previous		Yes No Unknown			
Thrush - persistent		Yes No Unknown			
Cotrimoxazole					
Allergic to Cotrimoxazole?		Yes No Unknown			
Was Cotrimoxazole dispensed?		Yes No Unknown			
Cotrimoxazole pill count - is patient compliant?		Yes No Unknown			
Has patient kept 3 appointments in a row?		Yes No Unknown			
Pain and/or tingling in hands and/or feet?		Yes No Unknown			
Pain and tingling do not cause a problem walking		Mild			
Pain and tingling > 3 days - non-narcotic analgesia required		Moderate			
Walks with great difficulty - narcotic analgesia required		Severe			
Unable to walk - narcotic analgesia does not help		Incapacitating			
Psychological problems now or in the past		Yes No Unknown			
Depression - overwhelming sadness, not related to any event		Depression			
Thoughts or attempts of suicide		Suicide			
Previous mental illness requiring treatment		Mental illness			

FIG. 2.2

Nevirapine

Have you ever taken Nevirapine?	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="Unknown"/>
Nevirapine Skin Rash	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="Unknown"/>
Redness, itching	<input type="text" value="Mild"/>		
Diffuse rash, dry and peeling	<input type="text" value="Moderate"/>		
Blisters, moist peeling, sores	<input type="text" value="Severe"/>		
Severe redness, ulcers, skin sloughing off	<input type="text" value="Incapacitating"/>		

Regimen Failure

Has the patient failed Regimen 1a	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="Unknown"/>
Virologic failure	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="Unknown"/>
Therapeutic failure (side effects)	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="Unknown"/>
Has the patient failed Regimen 1b	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="Unknown"/>
Virologic failure	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="Unknown"/>
Therapeutic failure (side effects)	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="Unknown"/>
Nevirapine Resistant - proven	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="Unknown"/>

TB

Are you being treated for active TB now?	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="Unknown"/>
Treatment for active TB in the past 2 years?	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="Unknown"/>
Is your treatment for active TB complete?	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="Unknown"/>
Date active TB treatment started	<input type="text" value="Y Y Y Y"/>	<input type="text" value="M M"/>	<input type="text" value="D D"/>
Are you taking Isoniazid to prevent TB now?	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="Unknown"/>
Date Isoniazid treatment started	<input type="text" value="Y Y Y Y"/>	<input type="text" value="M M"/>	<input type="text" value="D D"/>
Cough > 2 weeks	<input type="text" value="Yes"/>	<input type="text" value="No"/>	
Fever > 2 weeks	<input type="text" value="Yes"/>	<input type="text" value="No"/>	
Night sweats	<input type="text" value="Yes"/>	<input type="text" value="No"/>	
Weight loss > 1.5 kg in past 4 weeks	<input type="text" value="Yes"/>	<input type="text" value="No"/>	
Sputum tested for TB in the last 3 months?	<input type="text" value="Yes"/>	<input type="text" value="No"/>	
Result of TB sputum test	<input type="text" value="Positive"/>	<input type="text" value="Negative"/>	

LABS

	Previous		Previous		Previous		Previous		Previous		Current		
Date													
Weight													kg
CD4													cells/mm ³
Viral Load													copies/mL
Liver - ALT													U/L
Hemoglobin													g/L
Neutrophils													/mm ³
Lipase													U/L
Creatinine													mg/dL
MCV													fL
Platelets													10 ⁹ /L
Hepatitis A	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
Hepatitis B	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
Hepatitis C	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
TB Skin Test	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
TB Sputum	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	

Form Filled in by _____ Title _____

FIG. 3.1

FOLLOW-UP ART FORM

		Form Number			
Date Prepared		Y Y Y Y		M M D D	
Date of birth		Y Y Y Y		M M D D	
Height				cm	
Weight				kg	
Documented positive HIV tests		0 1 2			
Location:		Date		Y Y Y Y M M D D	
Location:		Date		Y Y Y Y M M D D	
Now on antiretroviral medicine for HIV/AIDS?		No		Yes	
1A:		EFV Stocrin (Efavirenz)		d4T Zerit (Stavudine)	
				3TC (Lamivudine)	
2:		ddI Videx (Didanosine)		AZT Retrovir (Zidovudine)	
				Lopinavir/ Ritonavir Kaletra	
1B:		NVP Viramune (Nevirapine)		d4T Zerit (Stavudine)	
				3TC (Lamivudine)	
Other:					
Adherence		<input type="checkbox"/> <80%		<input type="checkbox"/> 80-90%	
		<input type="checkbox"/> 90-95%		<input type="checkbox"/> >95%	
Regimen Failure		Has the patient failed Regimen 1a		Yes No Unknown	
		Virologic failure		Yes No Unknown	
		Therapeutic failure (side effects)		Yes No Unknown	
Has the patient failed Regimen 1b		Yes No Unknown		Yes No Unknown	
		Virologic failure		Yes No Unknown	
		Therapeutic failure (side effects)		Yes No Unknown	
Nevirapine Resistant - proven		Yes No Unknown			
Gender		Male		Female	
For Female:		Are you pregnant?		Yes No Maybe	
		Are you able to have children?		Yes No Unknown	
		Do you want to have children at this time?		Yes No Unknown	
		Are you using reliable contraception?		Yes No Unknown	
WHO Stage		Who Clinical Stage 1		1	
		Who Clinical Stage 2		2	
		Who Clinical Stage 3		3	
		Who Clinical Stage 4		4	
Pneumocystis Pneumonia - current or previous		Yes No Unknown		Yes No Unknown	
Thrush - persistent		Yes No Unknown			
Cotrimoxazole		Allergic to Cotrimoxazole?		Yes No Unknown	
		Was Cotrimoxazole dispensed?		Yes No Unknown	
		Cotrimoxazole pill count - is patient compliant?		Yes No Unknown	
		Has patient kept 3 appointments in a row?		Yes No Unknown	
Pain and/or tingling in hands and/or feet?		Yes No Unknown			
		Mild			
		Moderate			
		Severe			
		Incapacitating			

FIG. 3.2

Psychological problems now or in the past		Yes	No	Unknown
Depression - overwhelming sadness, not related to any event		Depression		
Thoughts or attempts of suicide		Suicide		
Previous mental illness requiring treatment		Mental illness		

Nevirapine		Yes	No	Unknown
Have you ever taken Nevirapine?		Yes	No	Unknown
Nevirapine Skin Rash				
Redness, itching		Mild		
Diffuse rash, dry and peeling		Moderate		
Blisters, moist peeling, sores		Severe		
Severe redness, ulcers, skin sloughing off		Incapacitating		

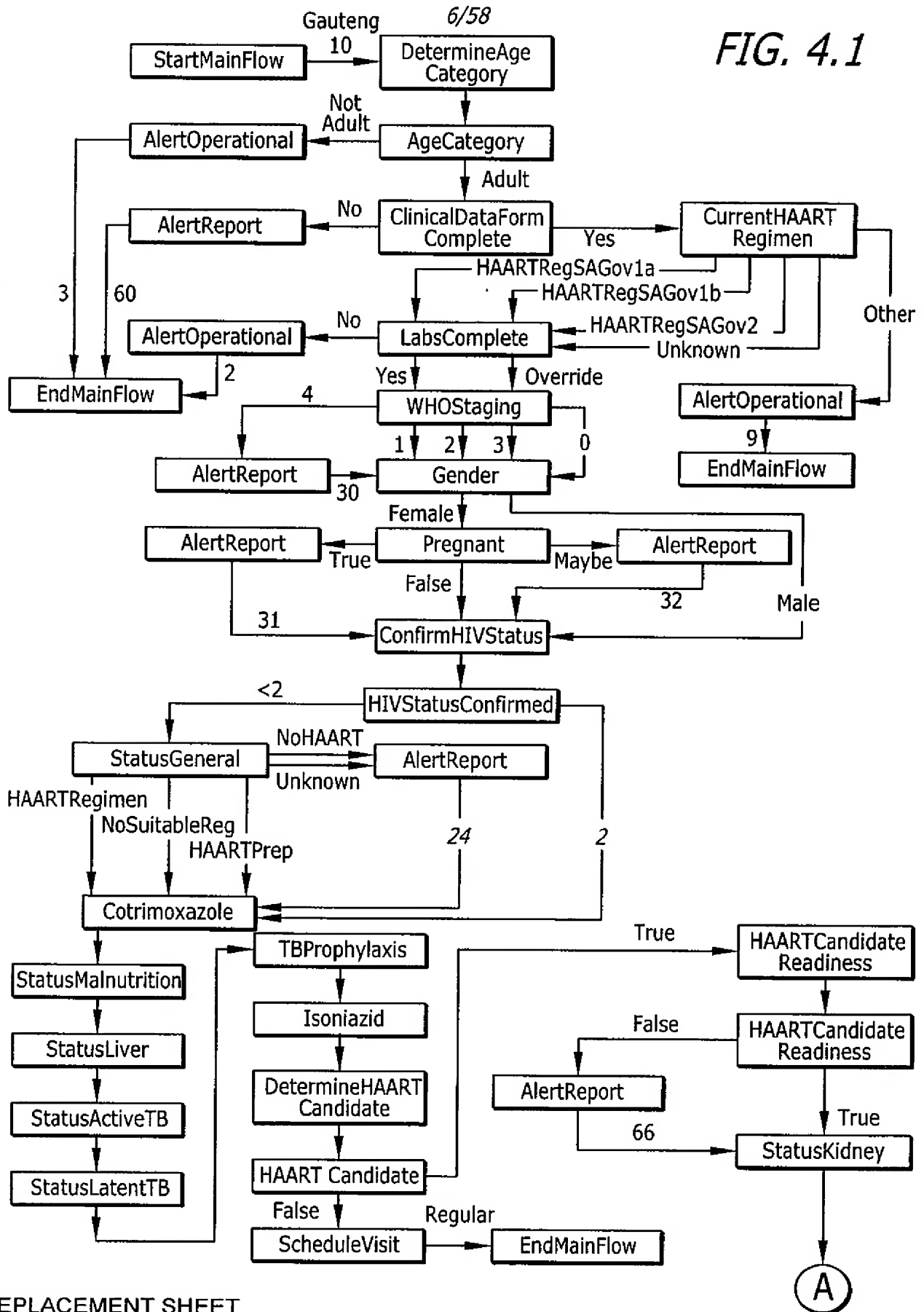
TB		Yes	No	Unknown
Are you being treated for active TB now?		Yes	No	Unknown
Treatment for active TB in the past 2 years?		Yes	No	Unknown
Is your treatment for active TB complete?		Yes	No	Unknown
Date active TB treatment started		Y Y Y Y	M M	D D
Are you taking Isoniazid to prevent TB now?		Yes	No	Unknown
Date Isoniazid treatment started		Y Y Y Y	M M	D D
Cough > 2 weeks		Yes	No	
Fever > 2 weeks		Yes	No	
Night sweats		Yes	No	
Weight loss > 1.5 kg in past 4 weeks		Yes	No	
Sputum tested for TB in the last 3 months?		Yes	No	
Result of TB sputum test		Positive	Negative	

LABS													
	Previous		Previous		Previous		Previous		Previous		Current		
Date													
Weight													kg
CD4													cells/mm ³
Viral Load													copies/mL
Liver - ALT													U/L
Hemoglobin													g/L
Neutrophils													/mm ³
Lipase													U/L
Creatinine													umol/L
MCV													fL
Platelets													10 ⁹ /L
Hepatitis A	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
Hepatitis B	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
Hepatitis C	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
TB Skin Test	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
TB Sputum	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	

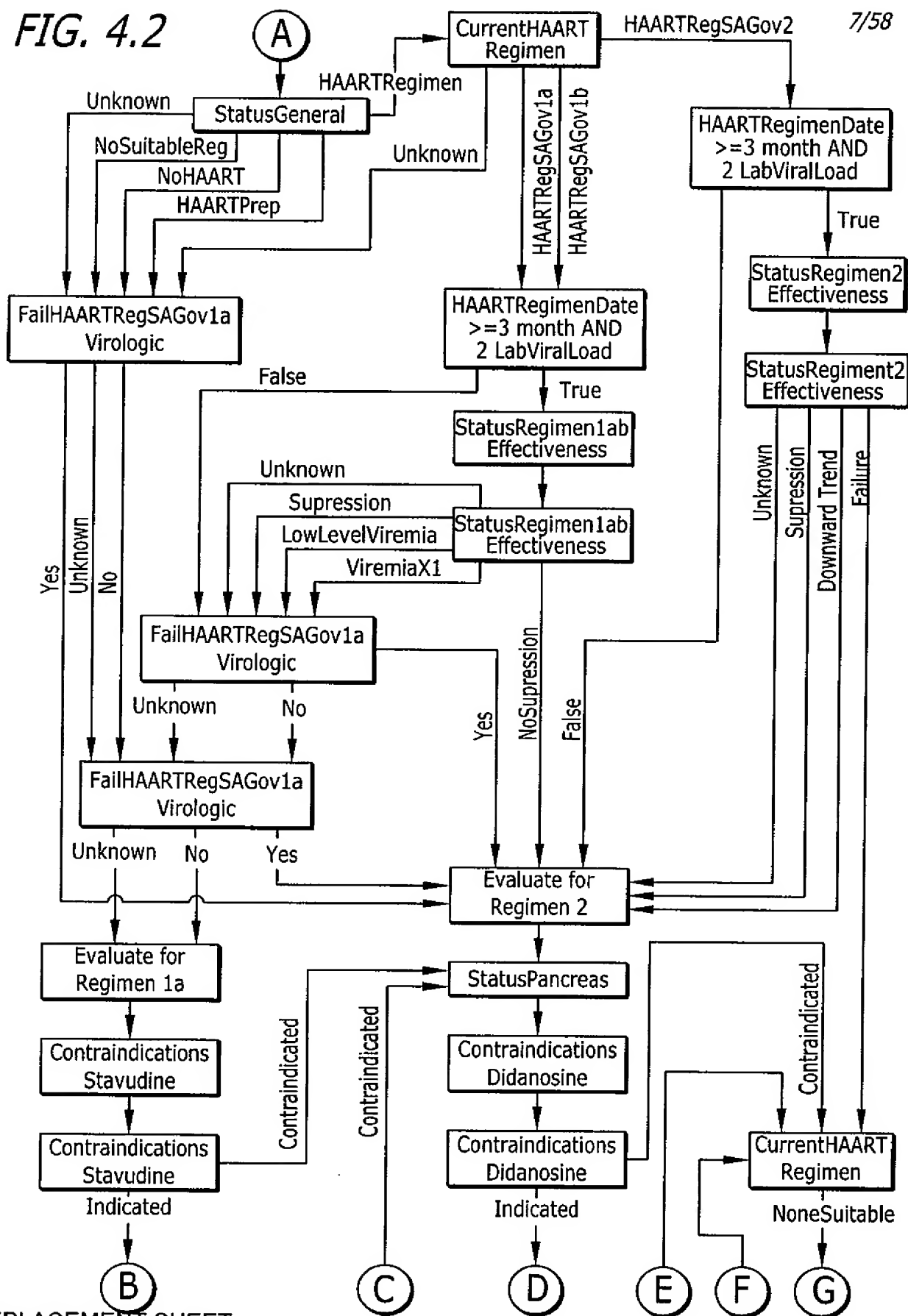
Form Filled in by _____

Title _____

FIG. 4.1



A



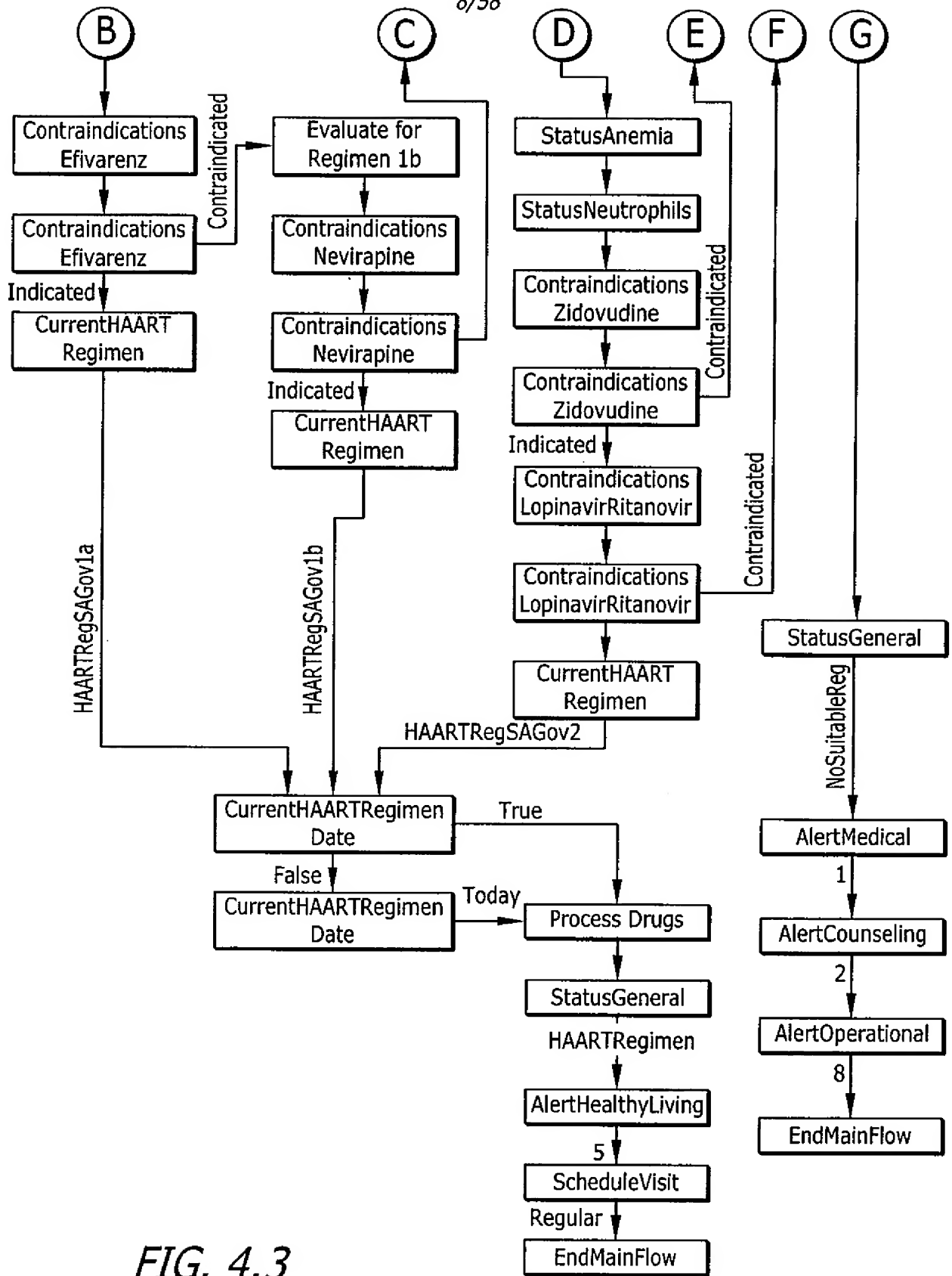
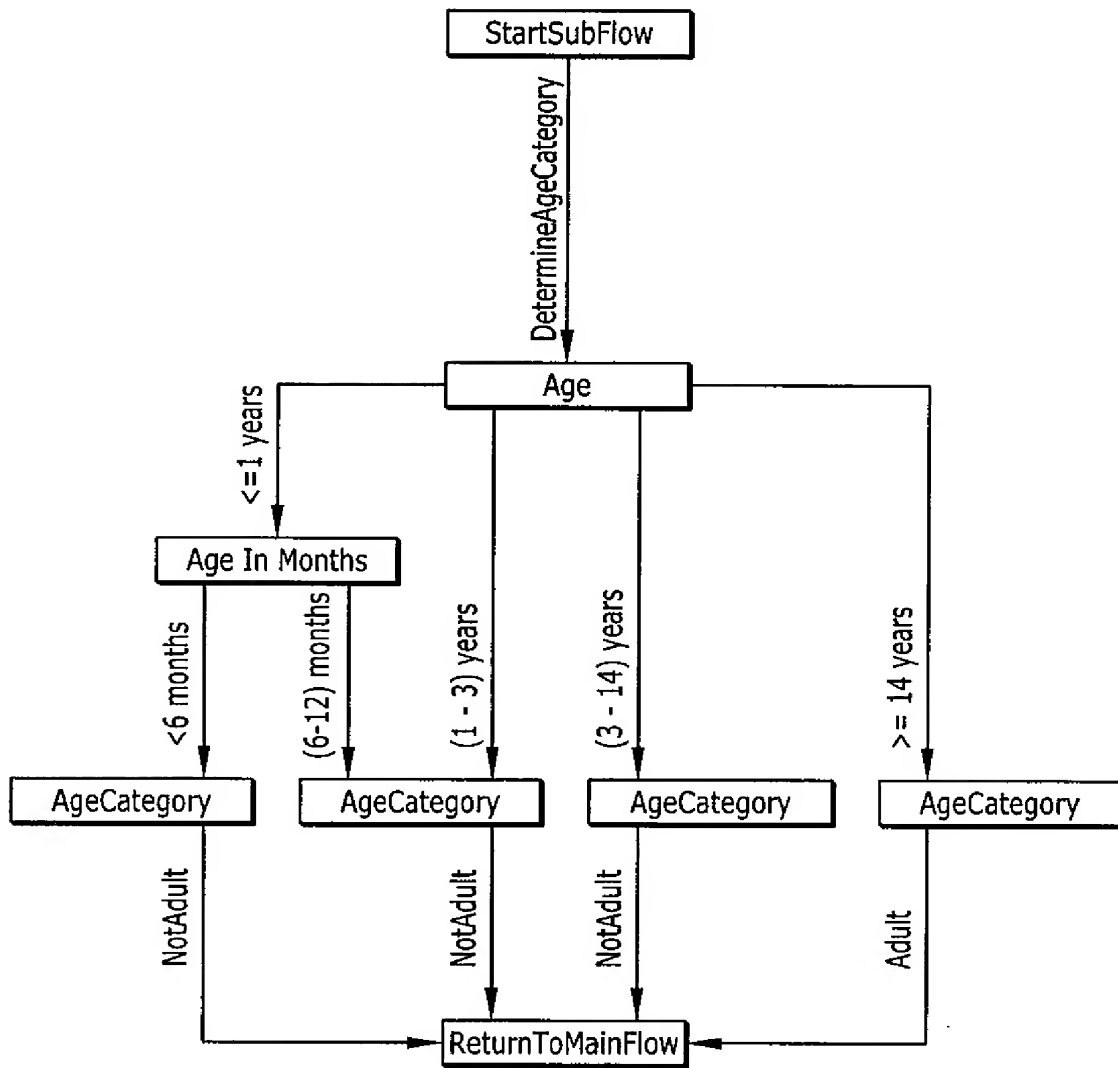


FIG. 4.3

*FIG. 5*

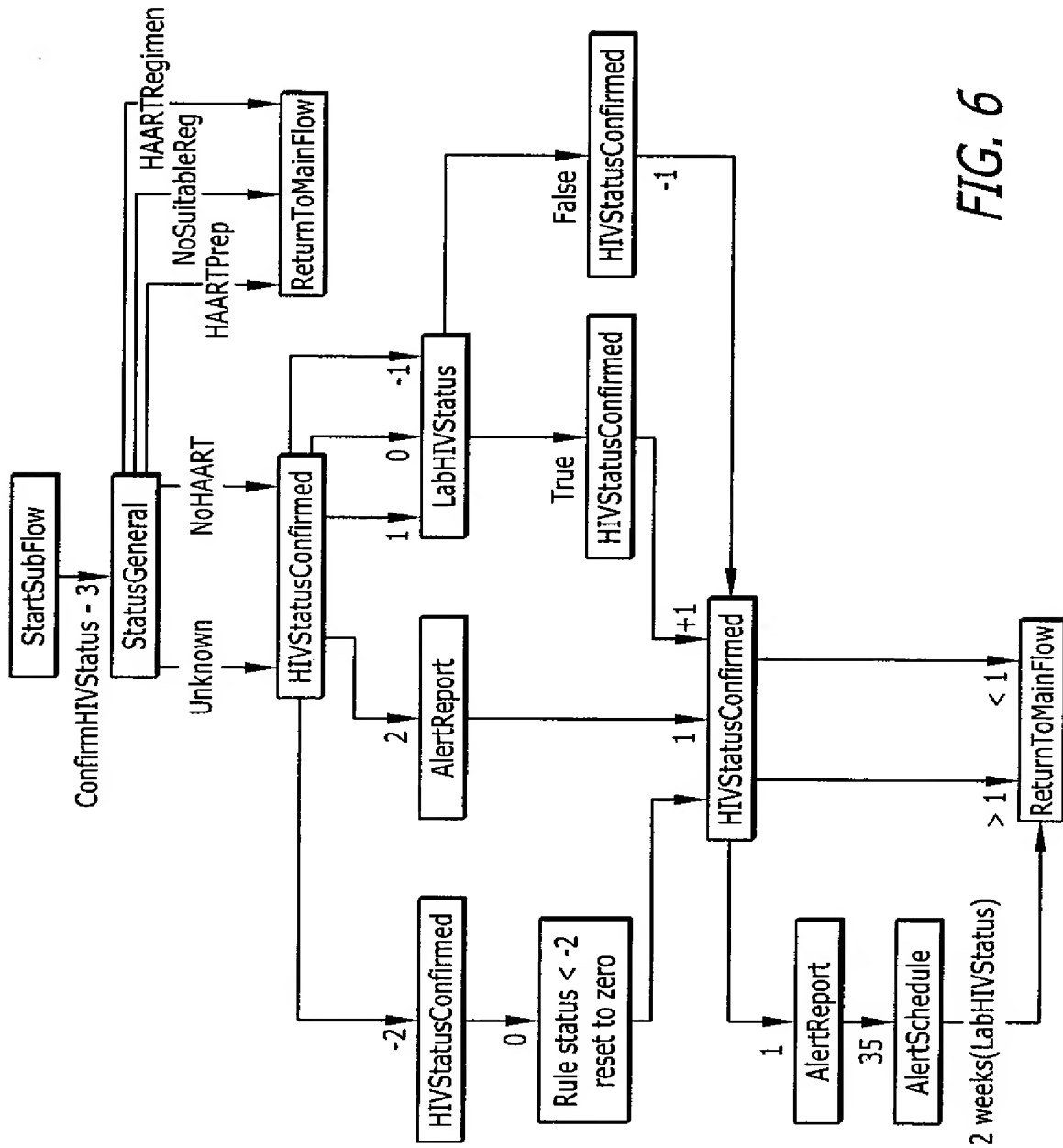
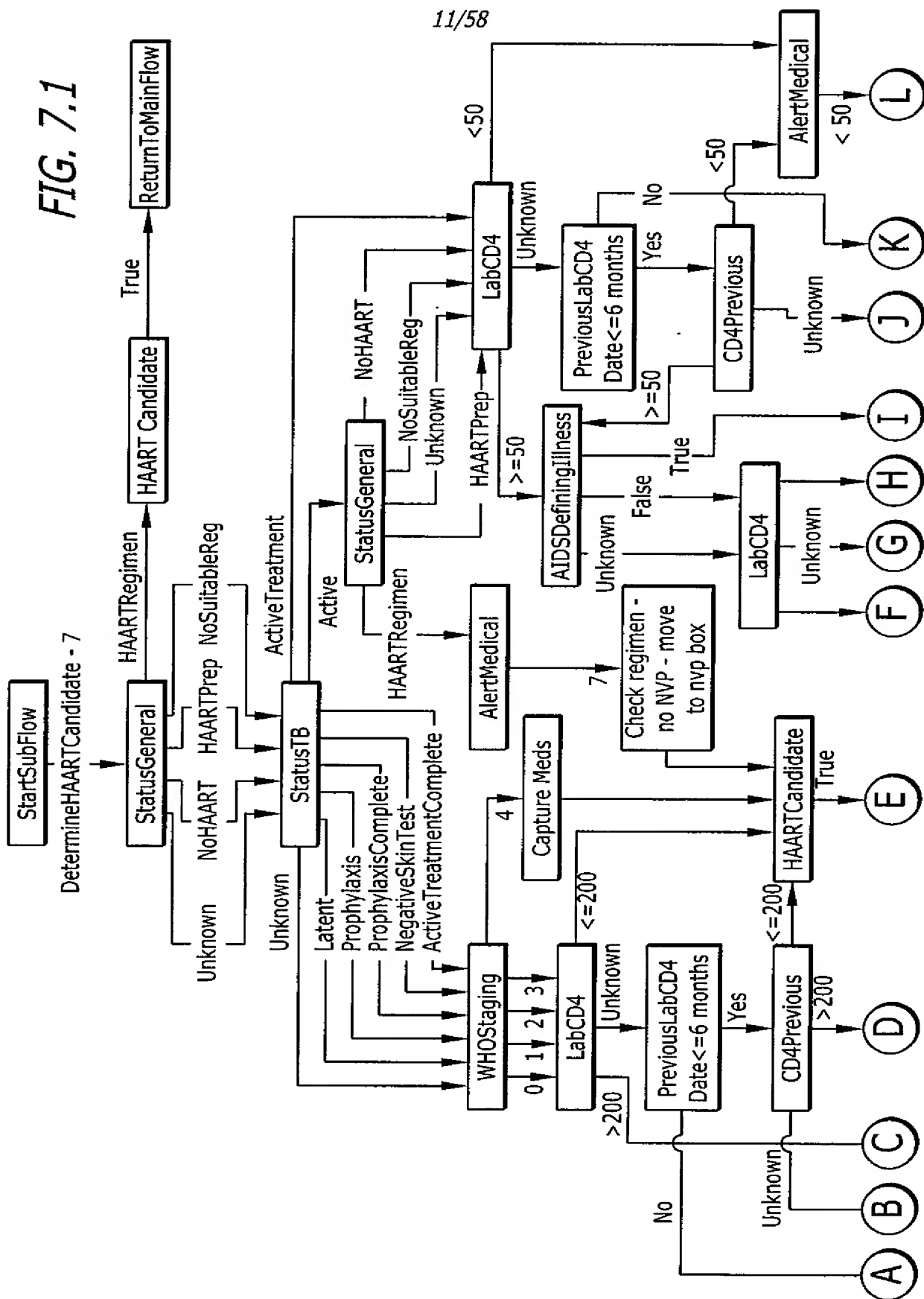


FIG. 7.1



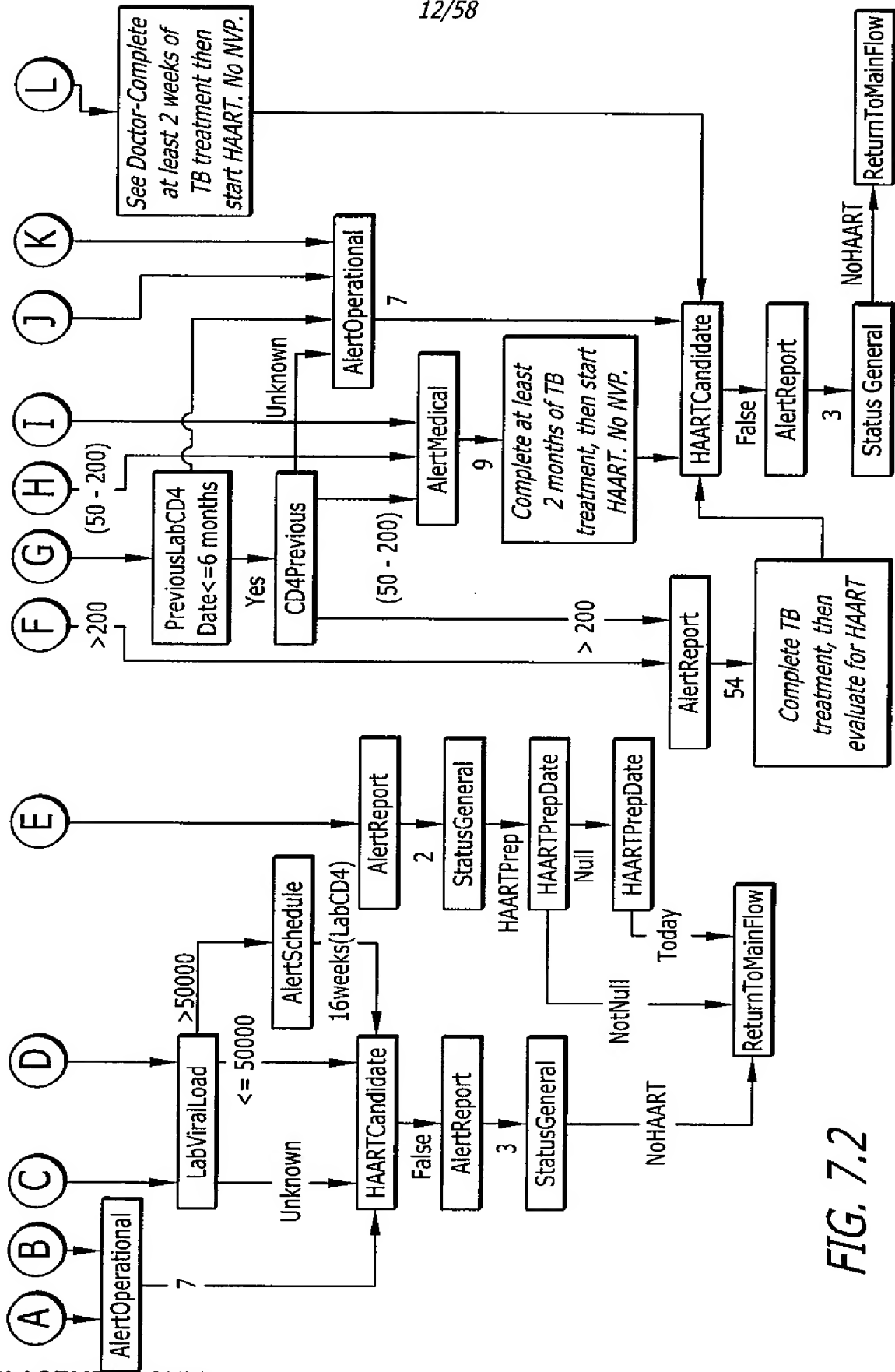


FIG. 7.2

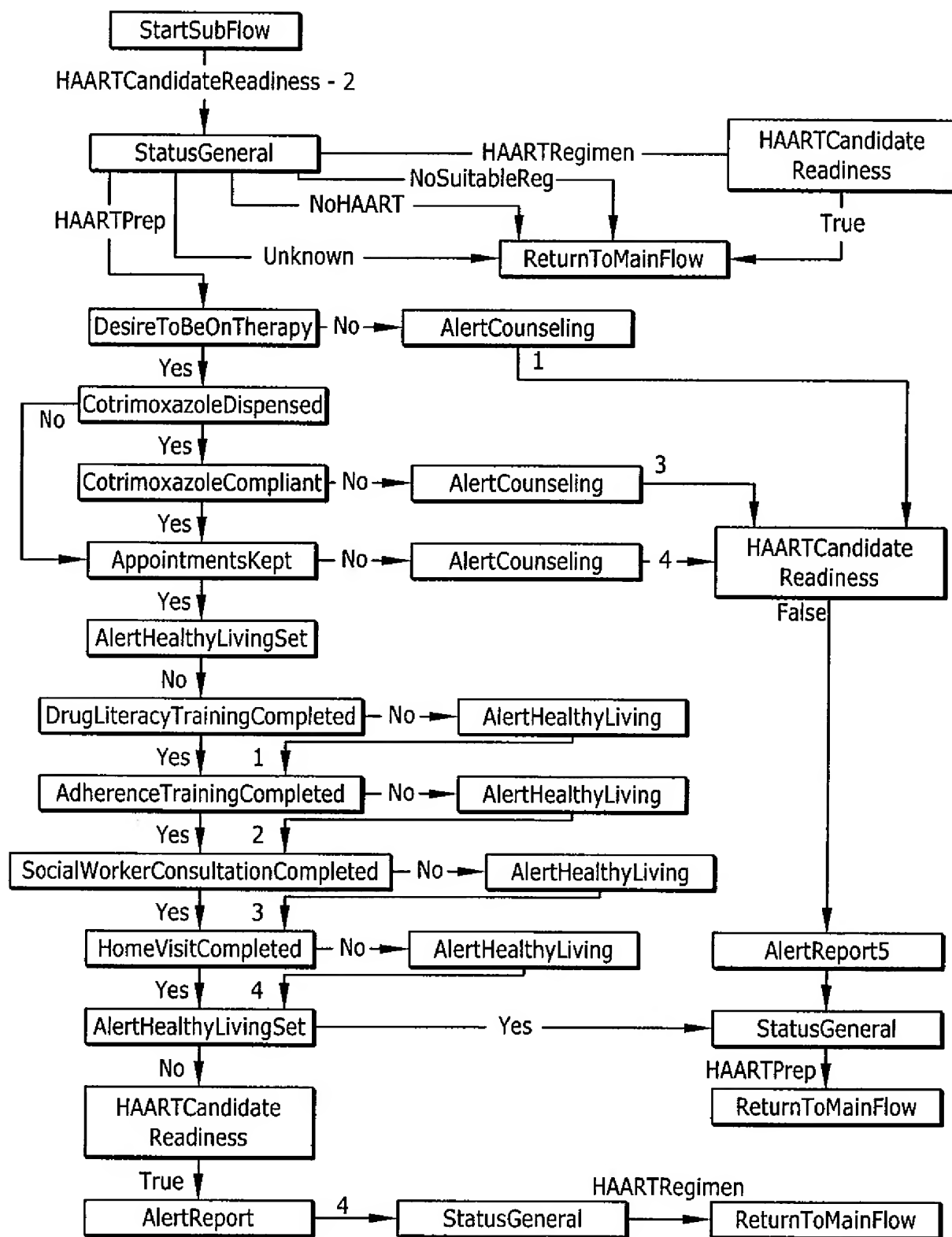


FIG. 8

REPLACEMENT SHEET

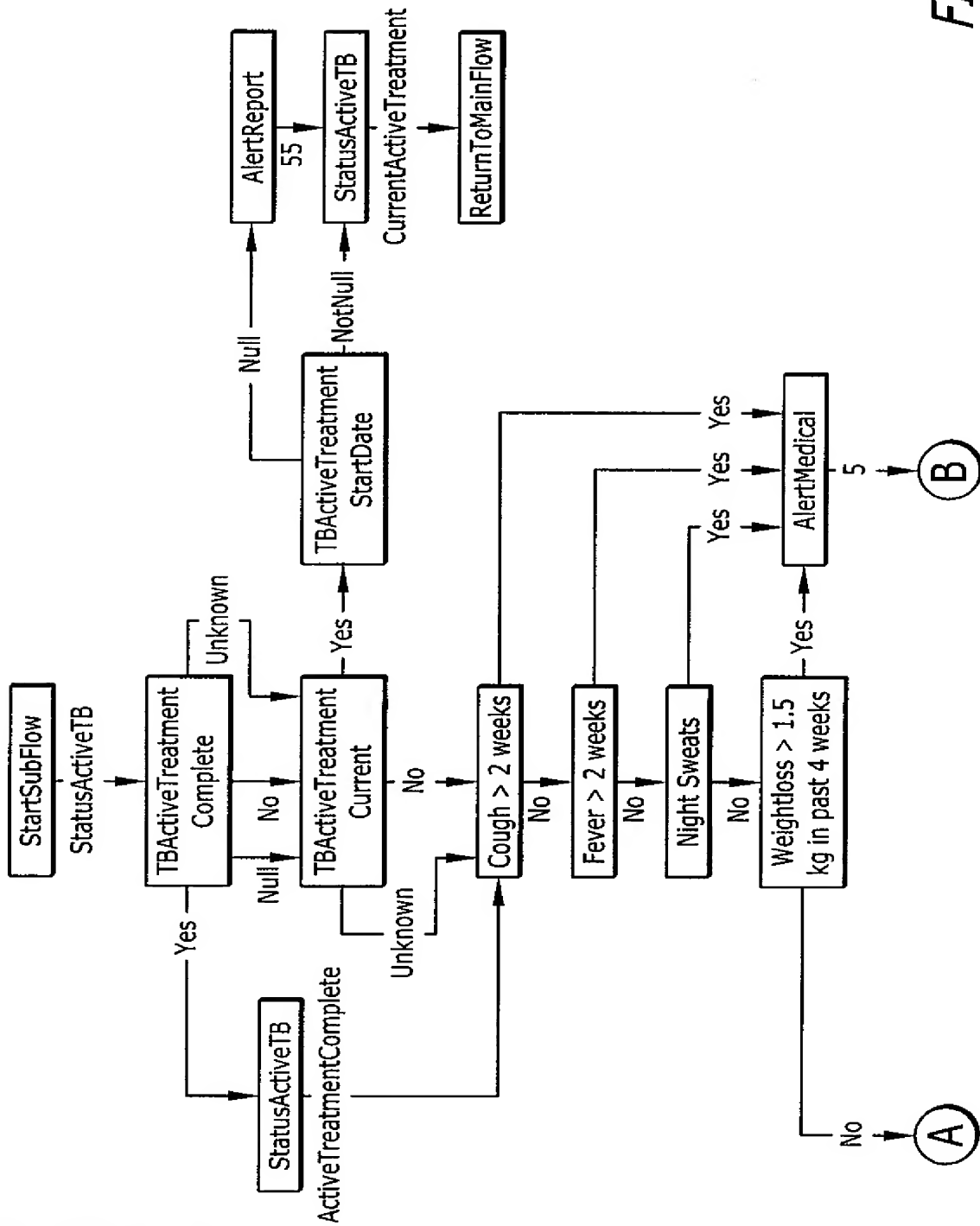
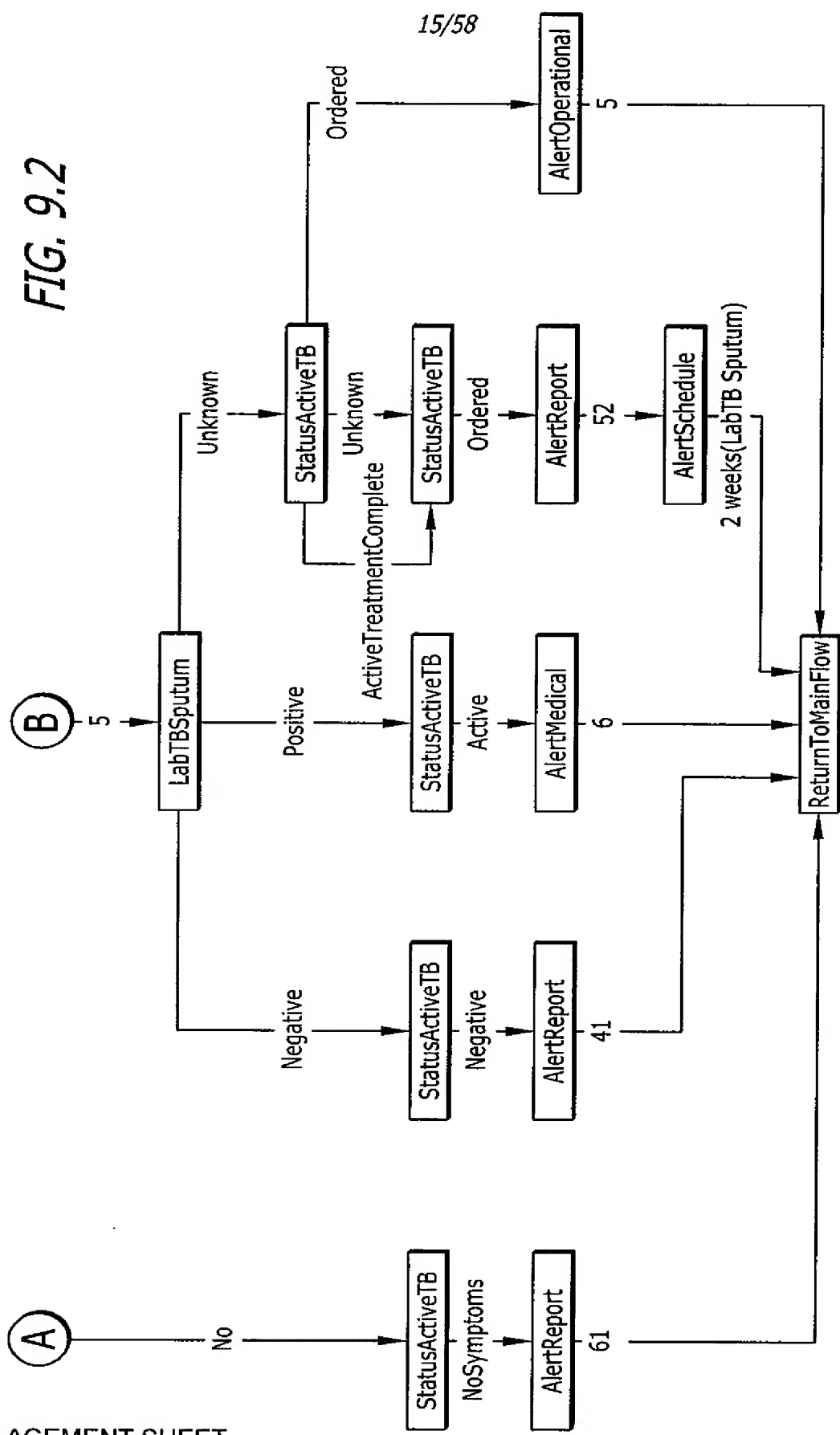


FIG. 9.1



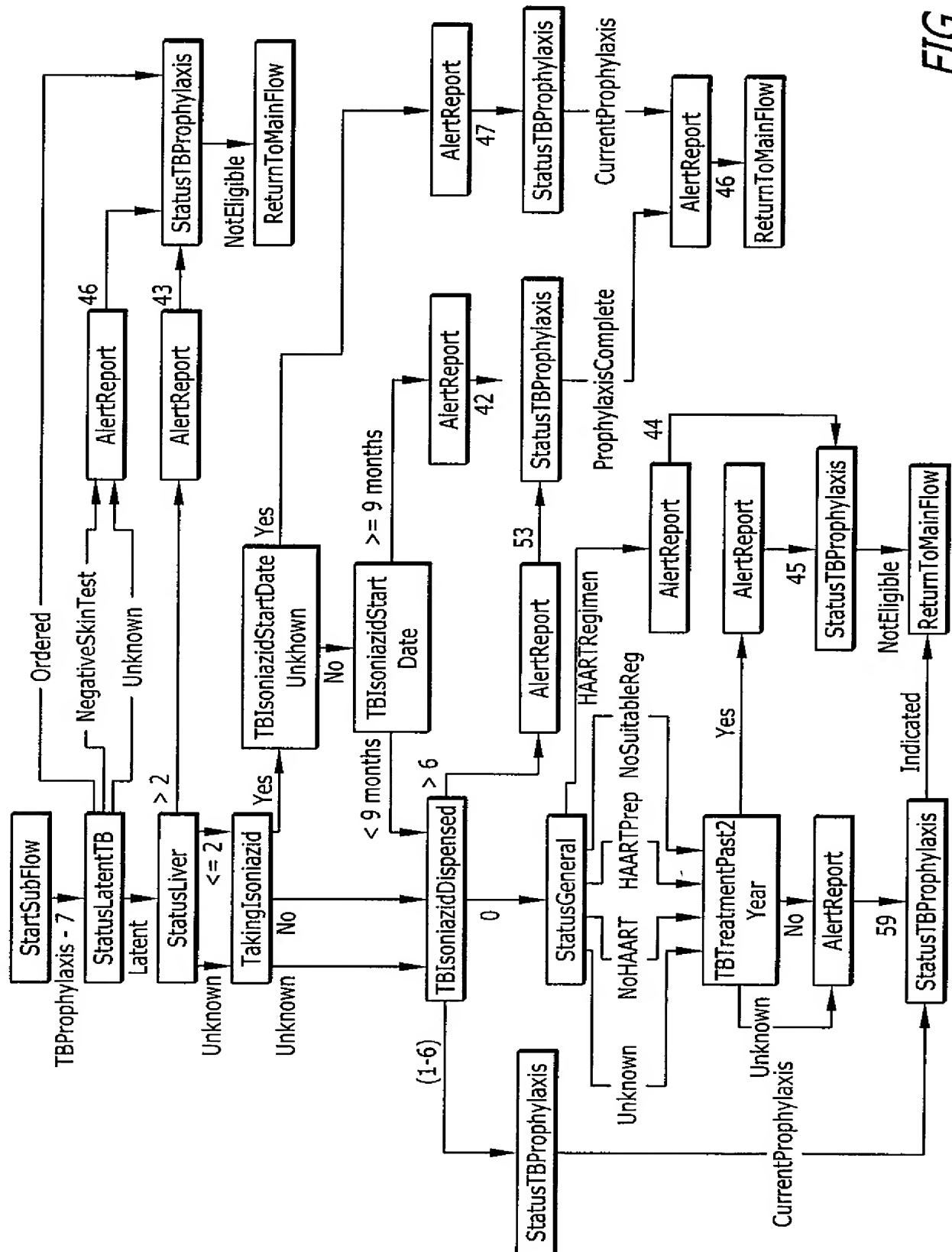


FIG. 11

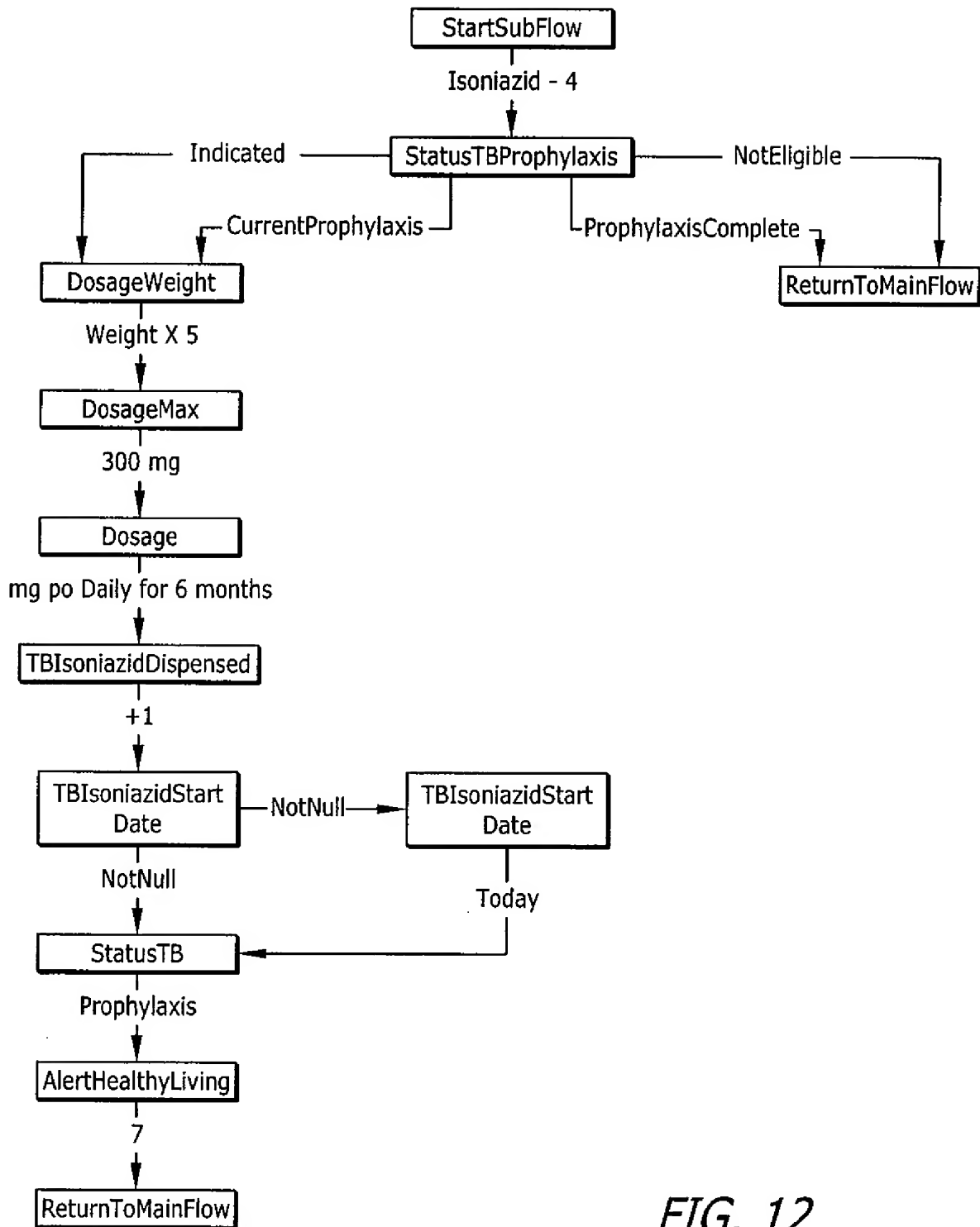


FIG. 12

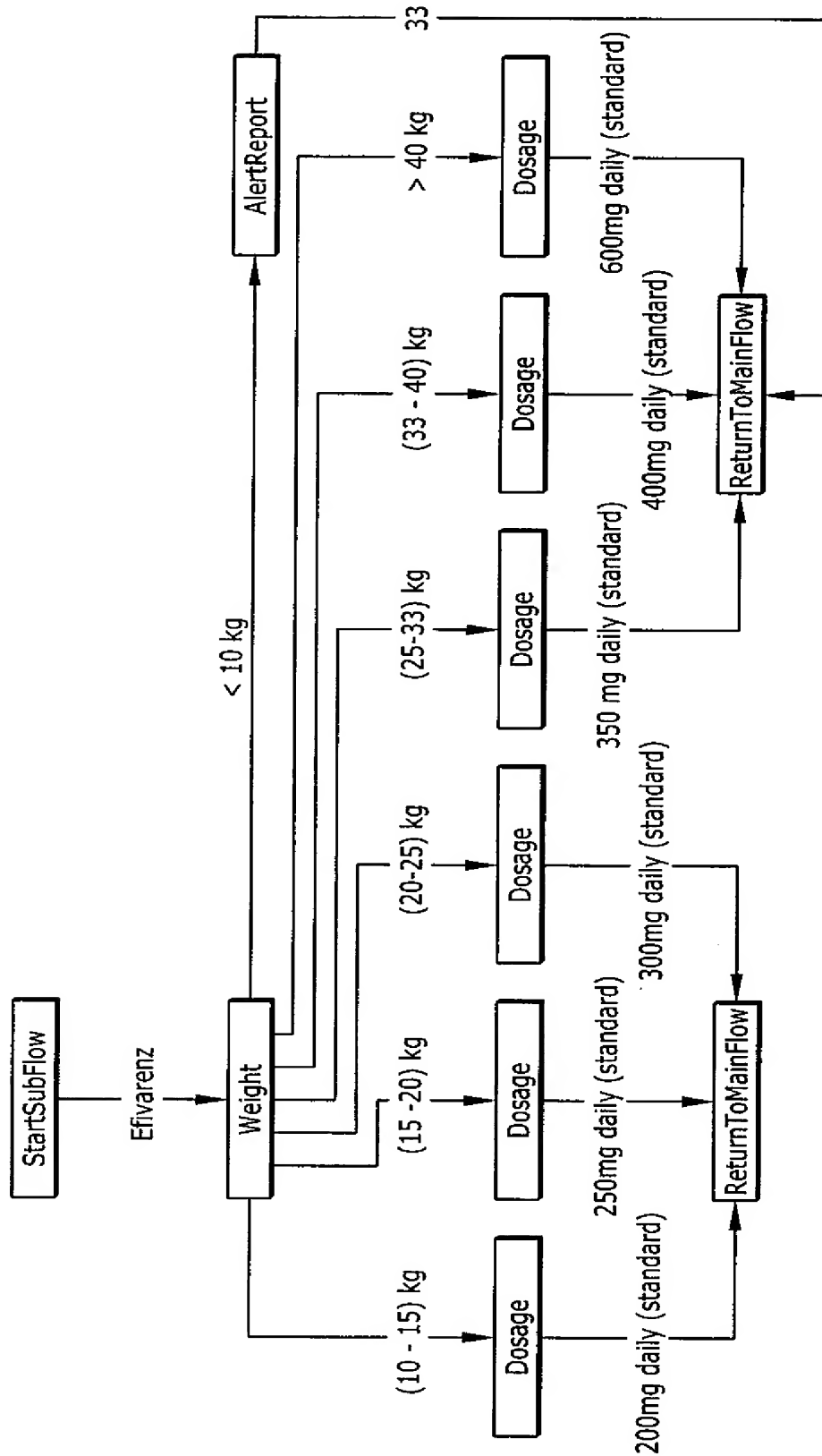
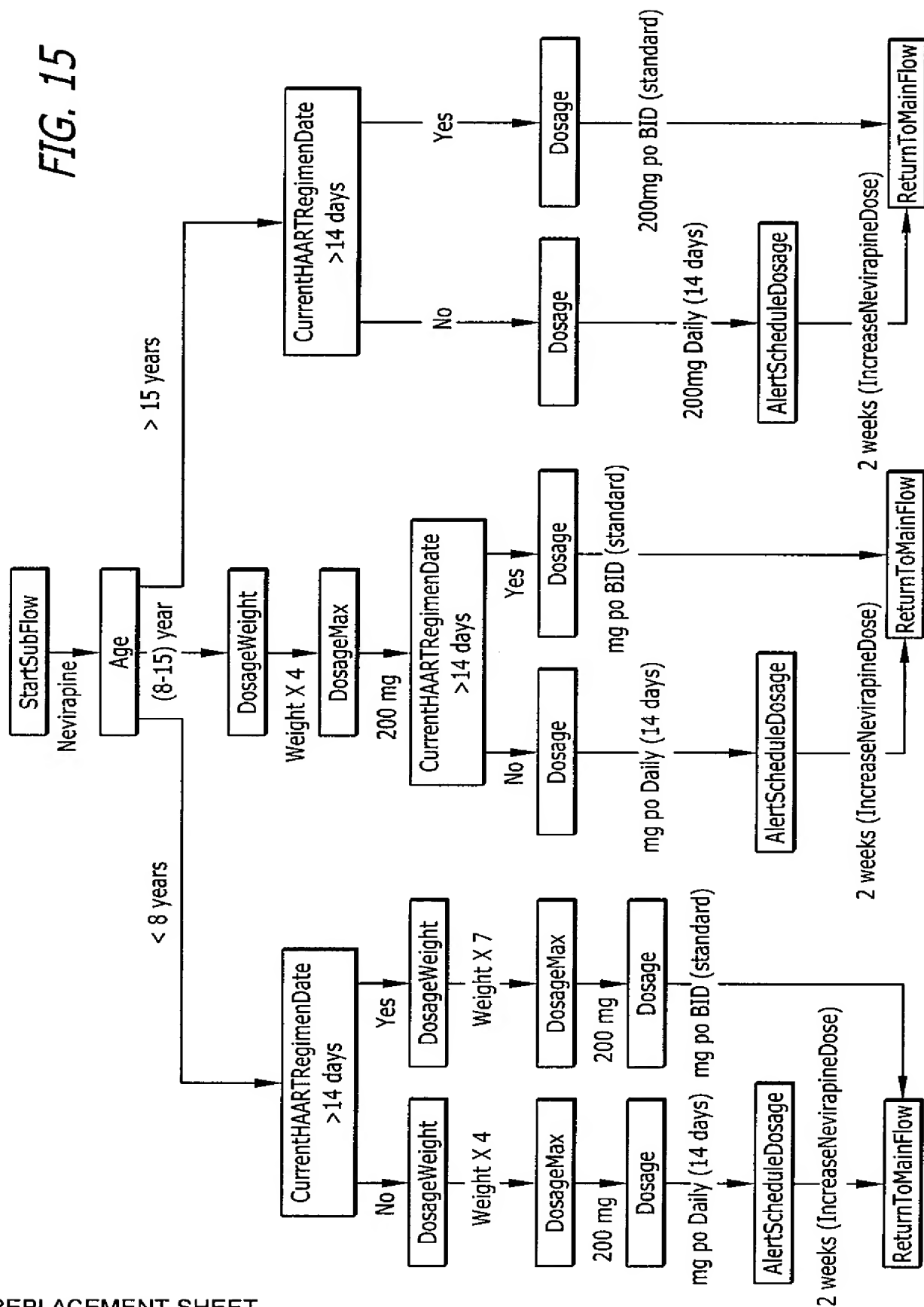


FIG. 13

FIG 1

```
graph TD
    StartSubFlow[StartSubFlow] --> Weight[Weight]
    Weight -- "<10kg" --> AlertReport1[AlertReport]
    Weight -- ">=10kg" --> Age1[Age]
    Age1 -- "<3 years" --> AlertReport1
    Age1 -- ">=3 years" --> PsychiatricHistory[PsychiatricHistory]
    PsychiatricHistory -- "Depression  
Suicide  
MentalIllness" --> AlertReport1
    PsychiatricHistory -- "Unknown" --> Gender[Gender]
    Gender -- "Female" --> Pregnant[Pregnant]
    Pregnant -- "True" --> AlertReport1
    Pregnant -- "False" --> Age2[Age (15-45)]
    Age2 -- ">45" --> AbleToHaveChildren1[AbleToHaveChildren]
    Age2 -- "<15" --> ContraindicationsEfavirenz1[Contraindications Efavirenz]
    Age2 -- "(15-45)" --> AbleToHaveChildren1
    AbleToHaveChildren1 -- "Yes" --> DesirousOfChildren[DesirousOfChildren]
    AbleToHaveChildren1 -- "Unknown" --> AlertReport2[AlertReport]
    DesirousOfChildren -- "Yes" --> ReliableContraception[ReliableContraception]
    DesirousOfChildren -- "No" --> AlertReport2
    DesirousOfChildren -- "Unknown" --> AlertReport2
    ReliableContraception -- "Yes" --> ContraindicationsEfavirenz1
    ReliableContraception -- "No" --> AlertReport2
    ReliableContraception -- "Unknown" --> AlertReport2
    ContraindicationsEfavirenz1 -- "Indicated" --> AlertReport2
    ContraindicationsEfavirenz1 -- "Contraindicated" --> ReturnToMainFlow[ReturnToMainFlow]
    ReturnToMainFlow --> AlertReport3[AlertReport]
    AlertReport1 --> ContraindicationsEfavirenz2[Contraindications Efavirenz]
    AlertReport2 --> ContraindicationsEfavirenz2
    AlertReport3 --> ContraindicationsEfavirenz2
    ContraindicationsEfavirenz2 --> ContraindicationsEfavirenz2
```

FIG. 15



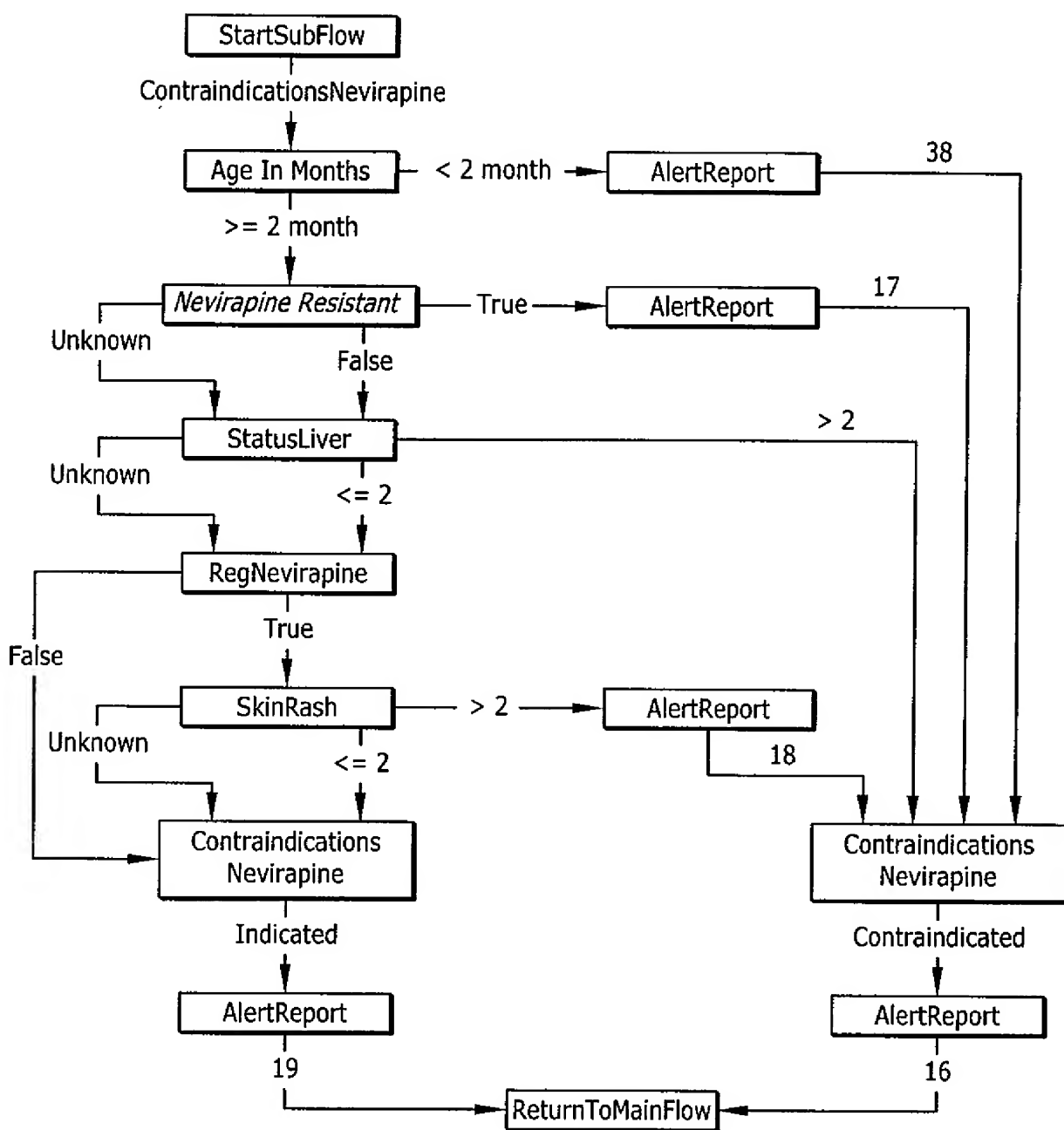
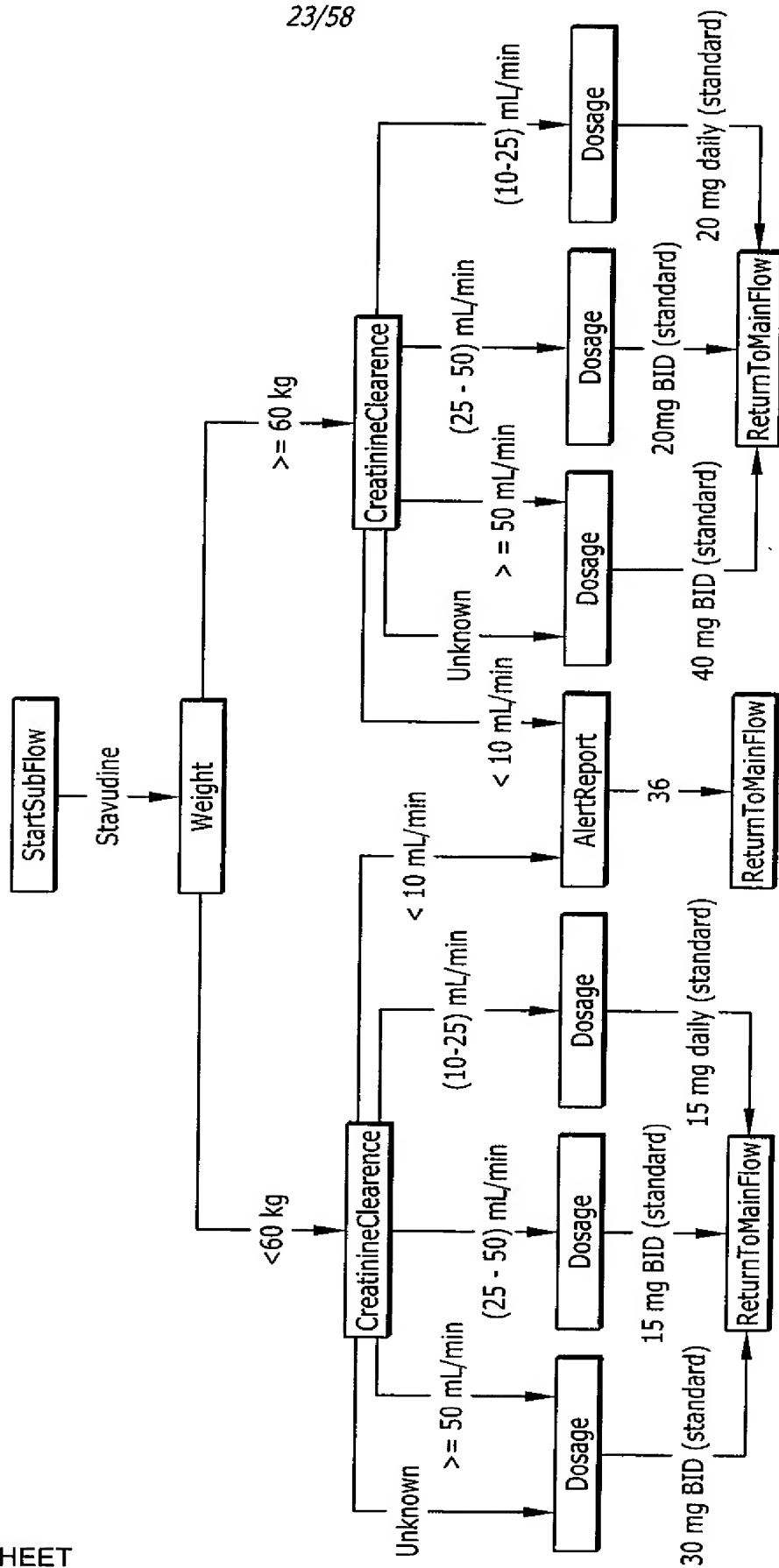


FIG. 16

FIG. 17



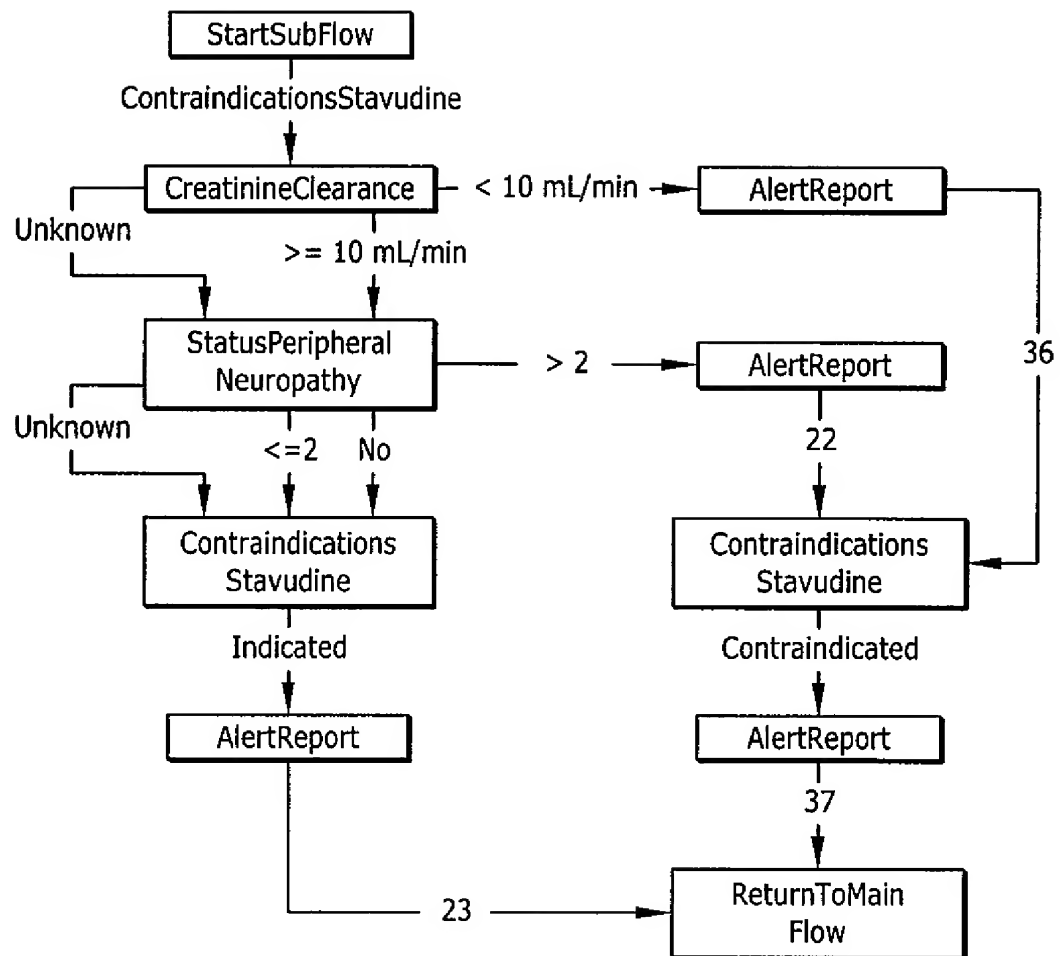
*FIG. 18*

FIG. 19.1

REPLACEMENT SHEET

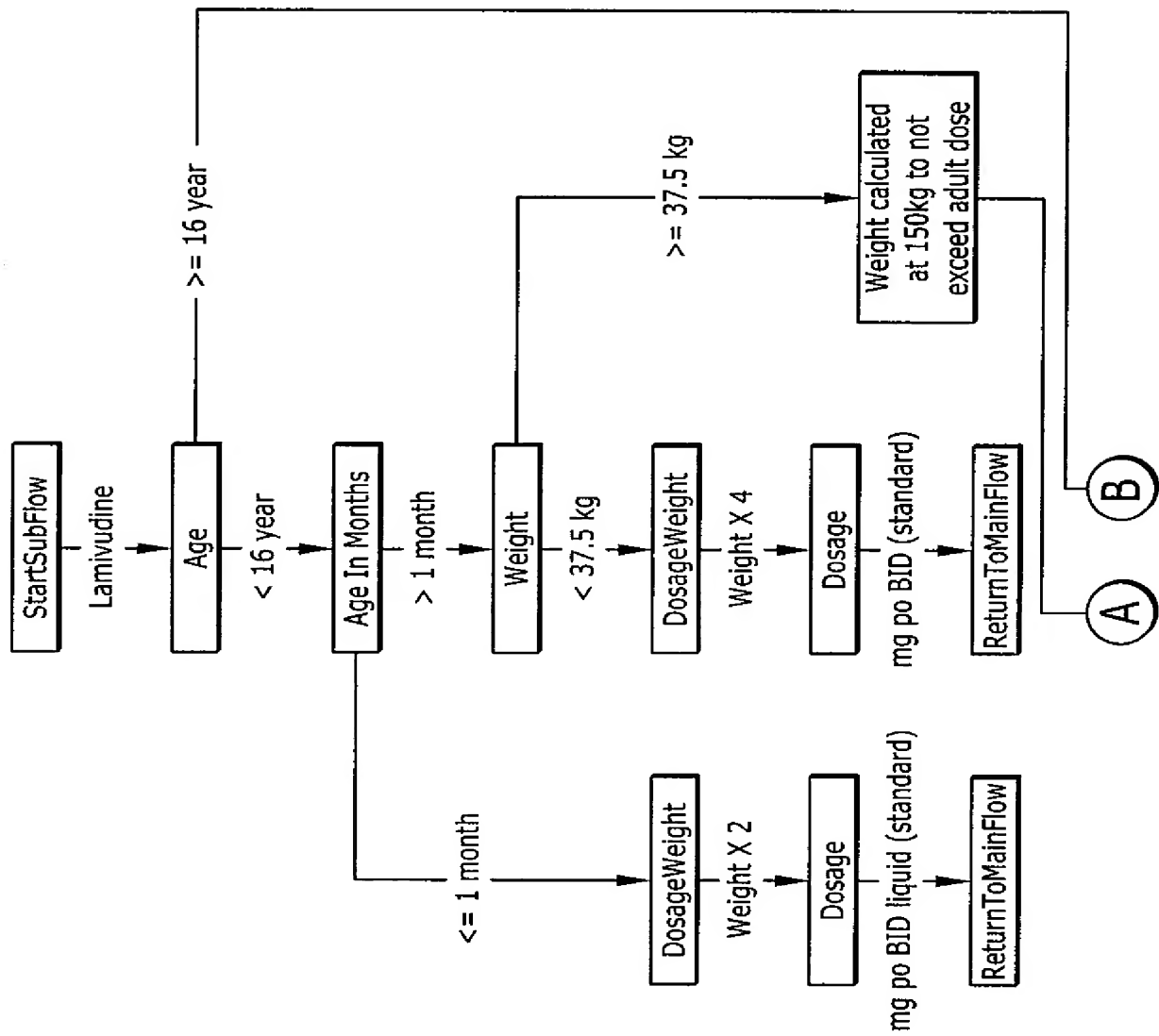


FIG. 19.2

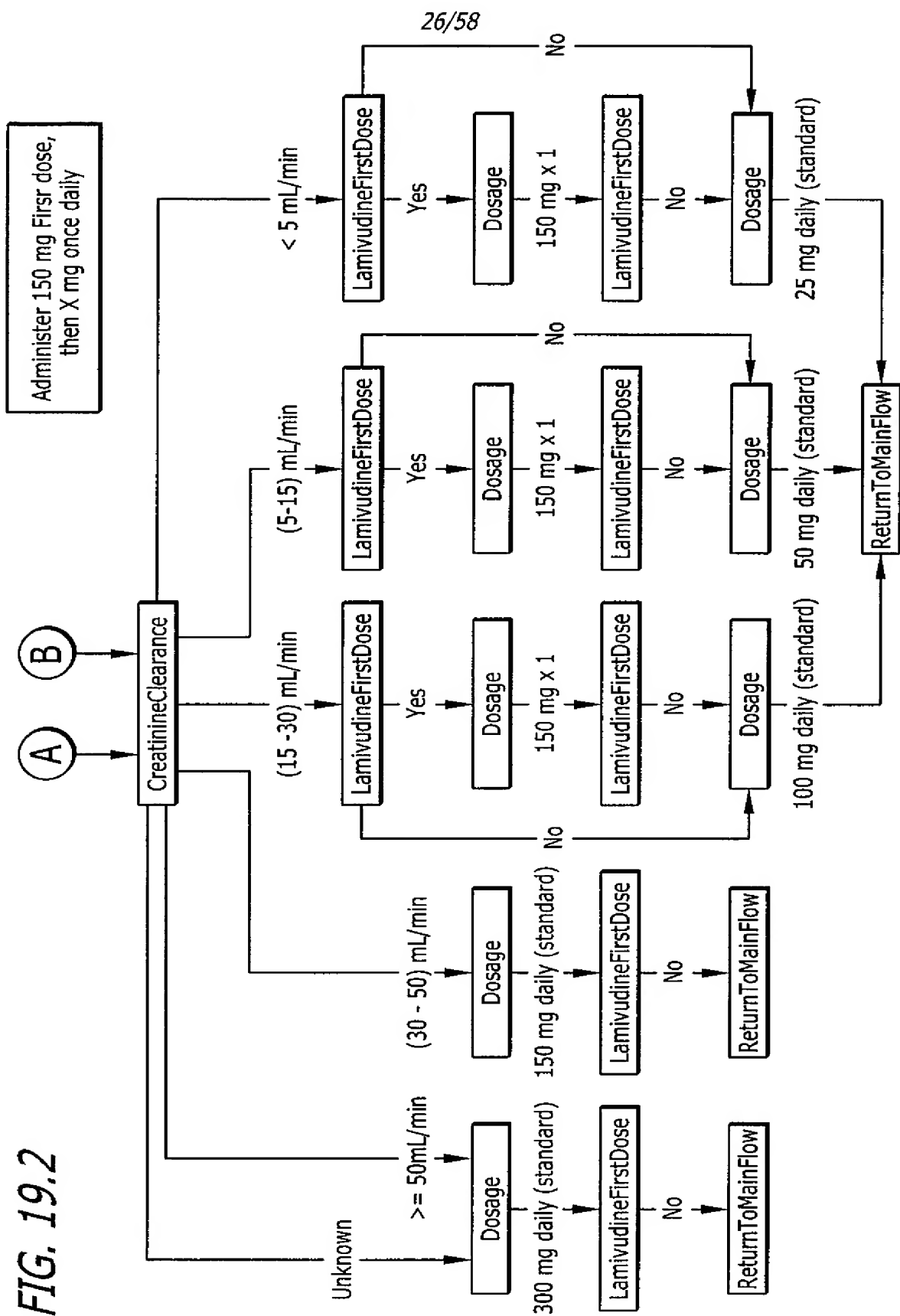
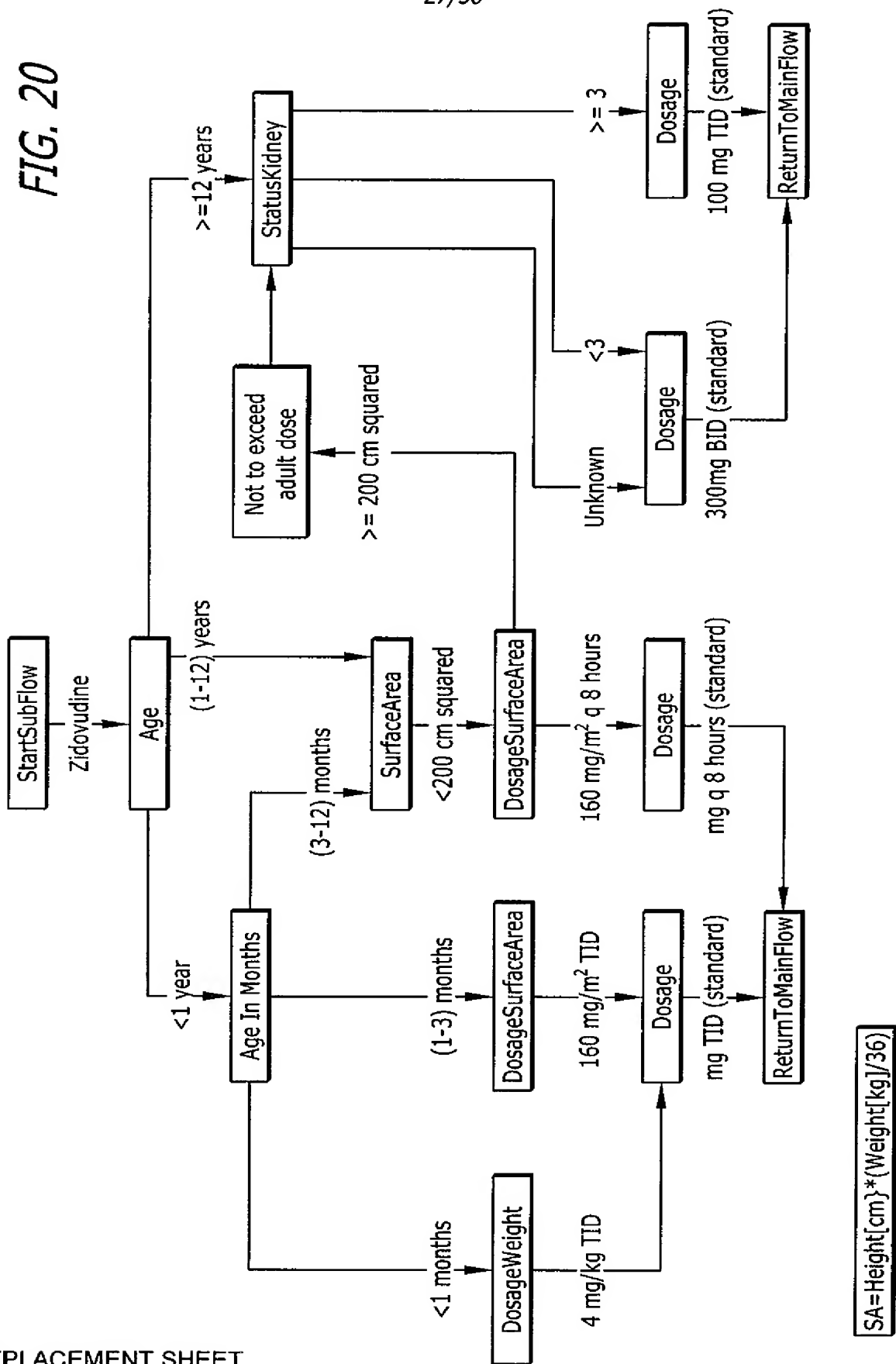


FIG. 20



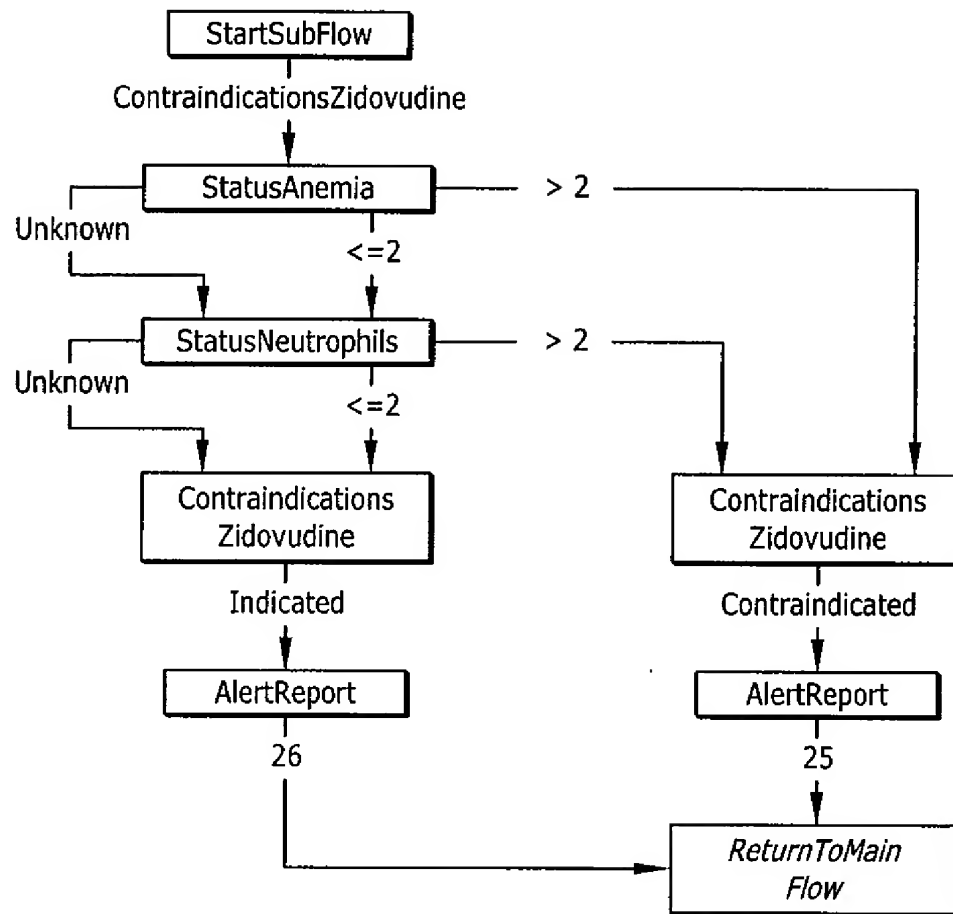
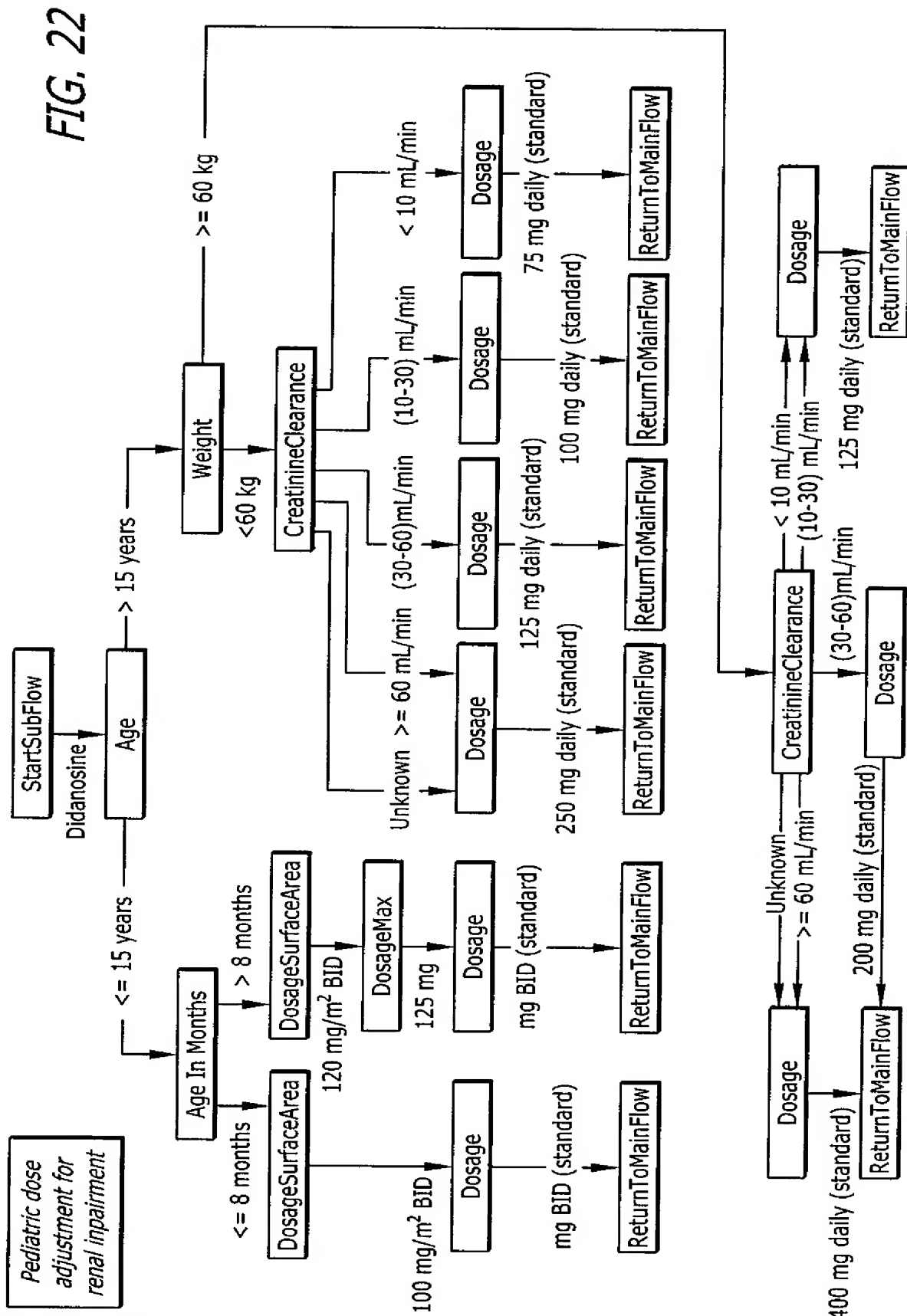


FIG. 21



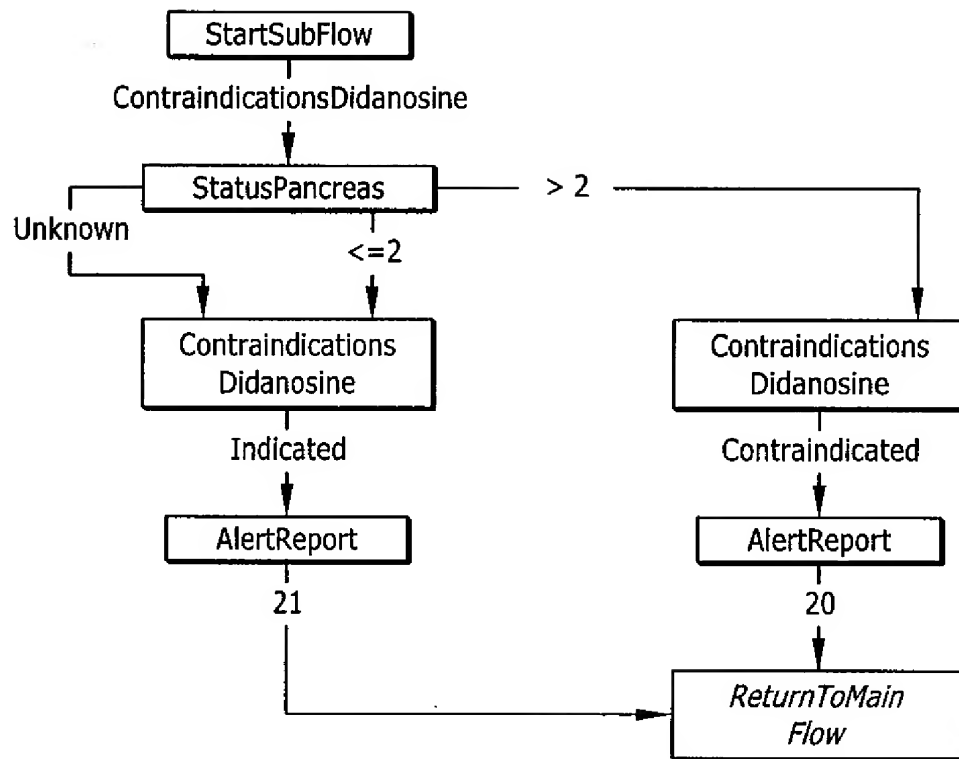
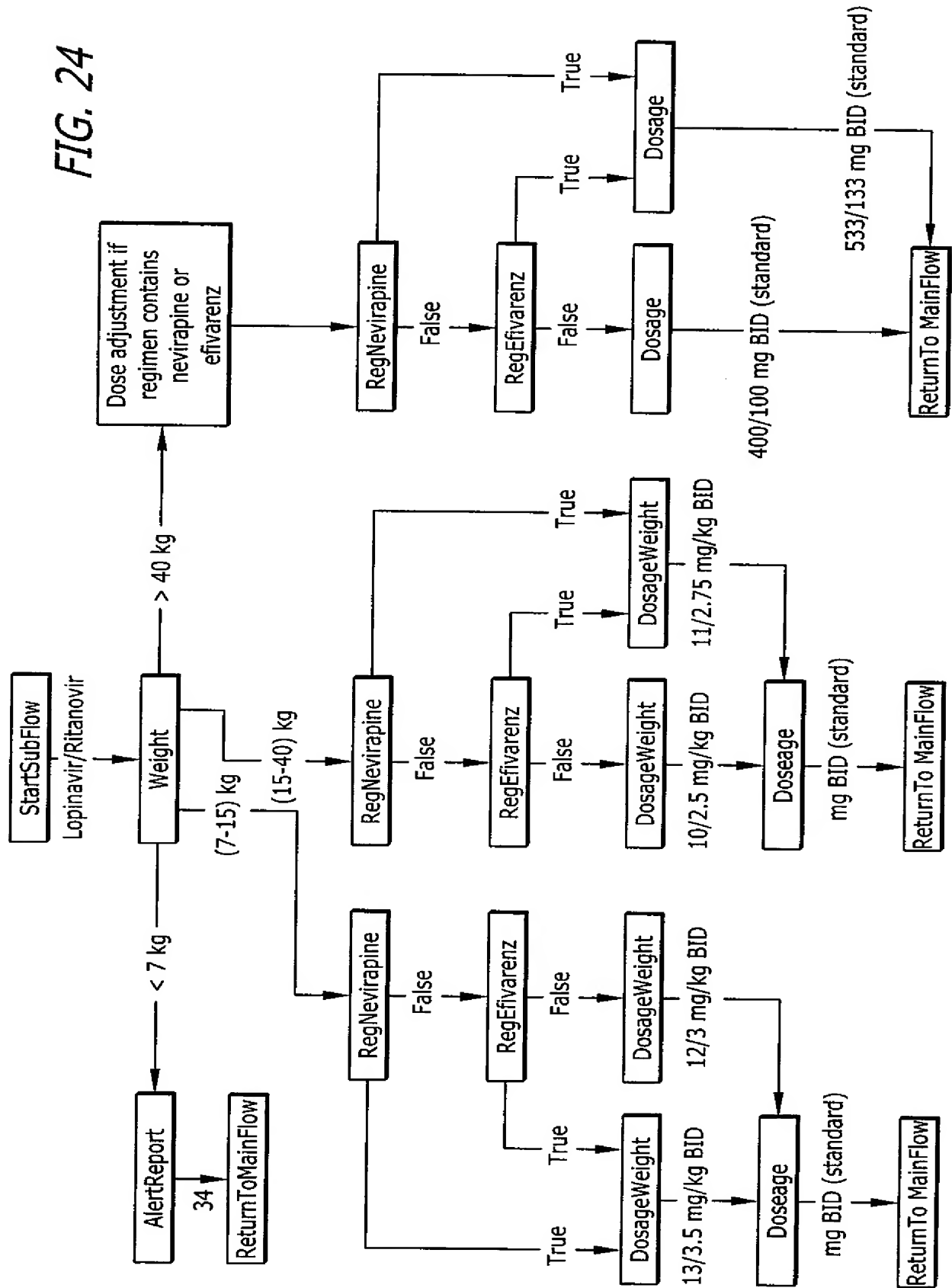
*FIG. 23*

FIG. 24



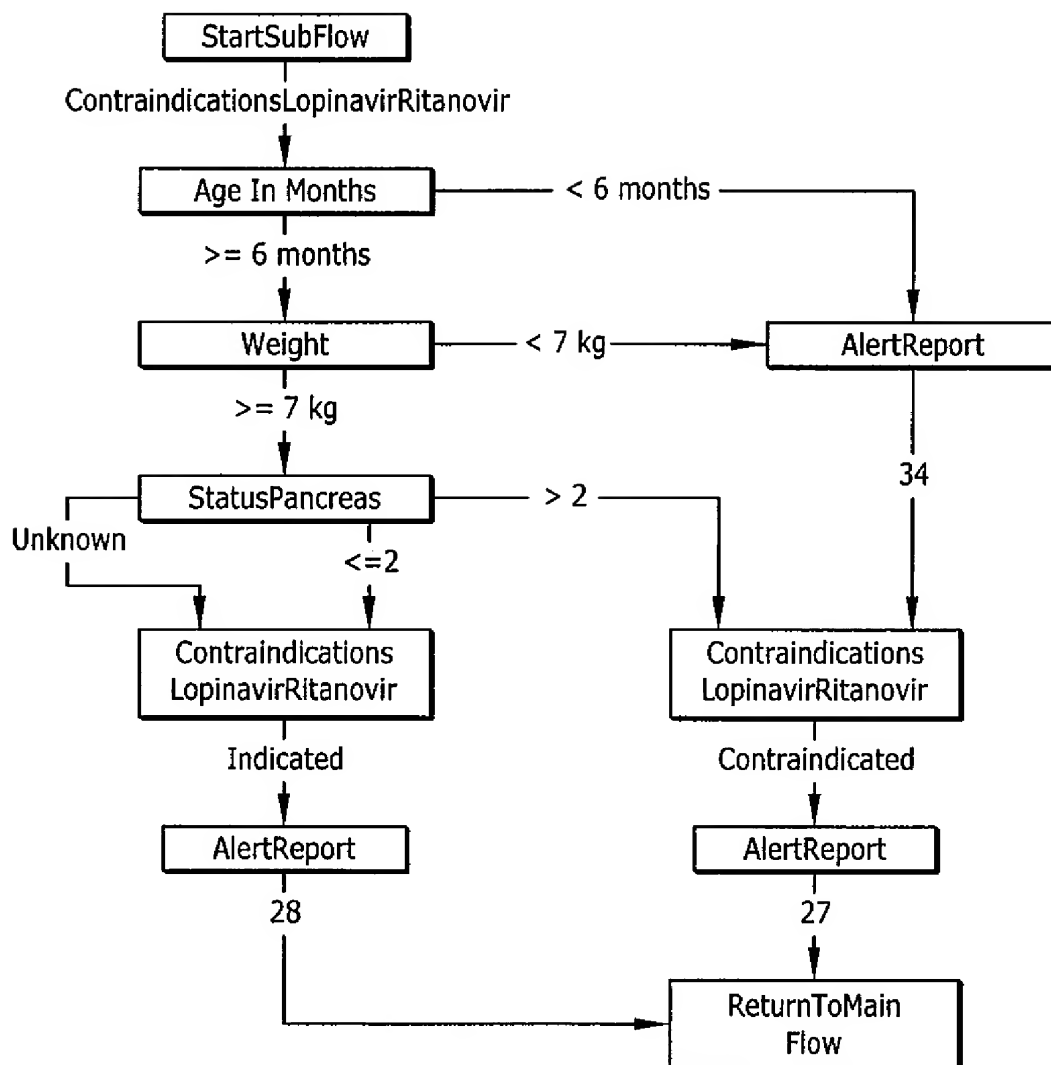


FIG. 25

FIG. 26

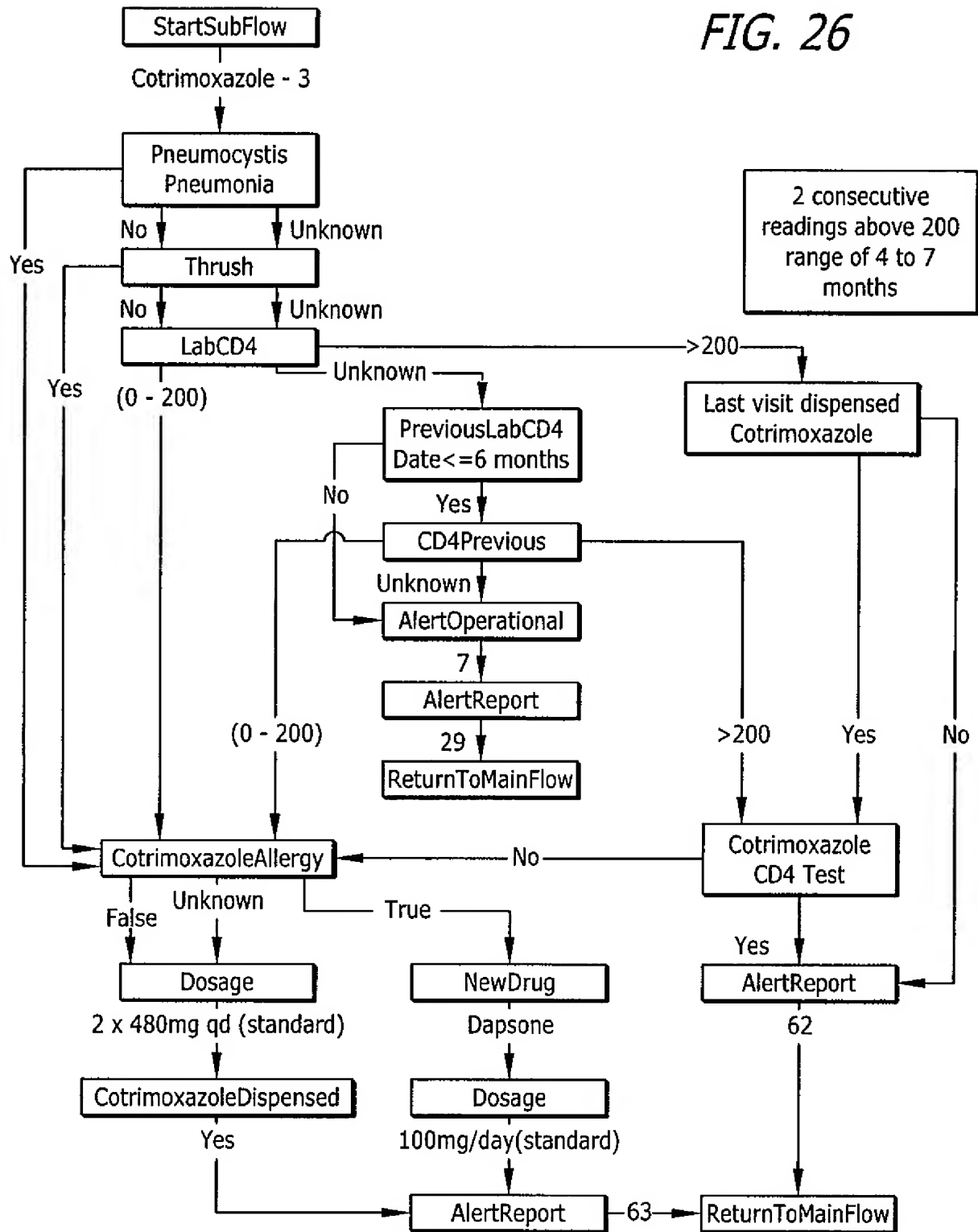
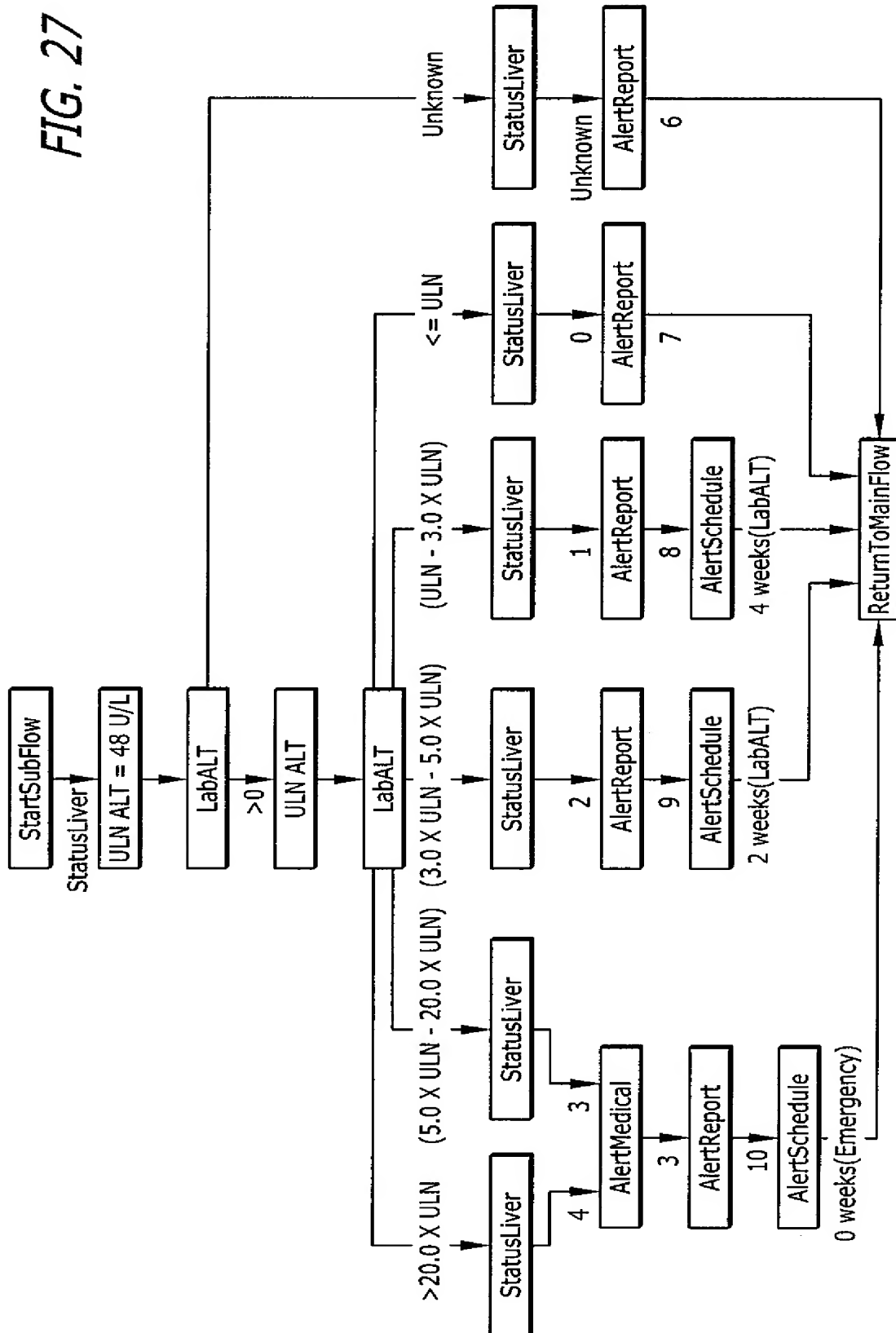


FIG. 27



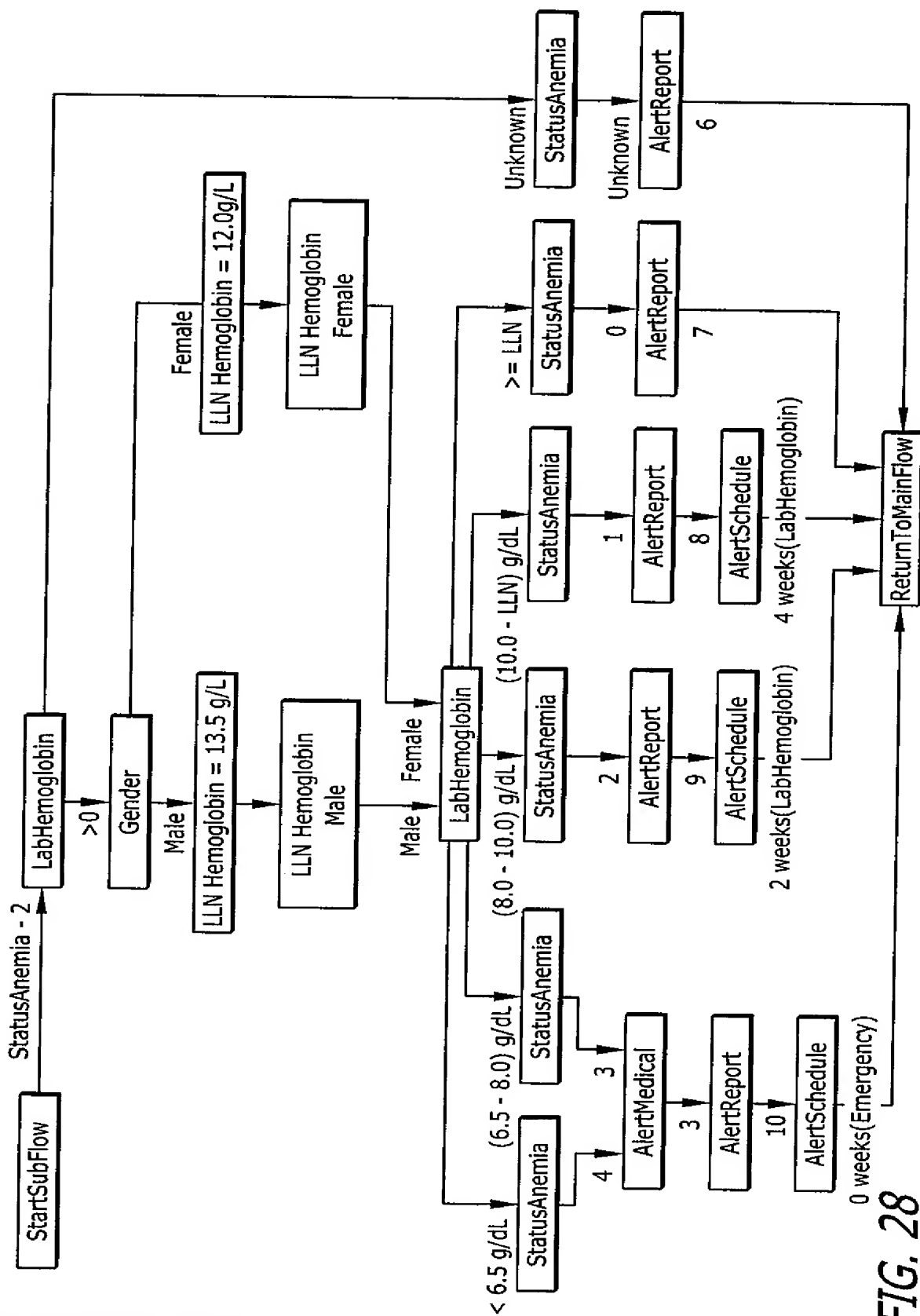


FIG. 28

FIG. 29

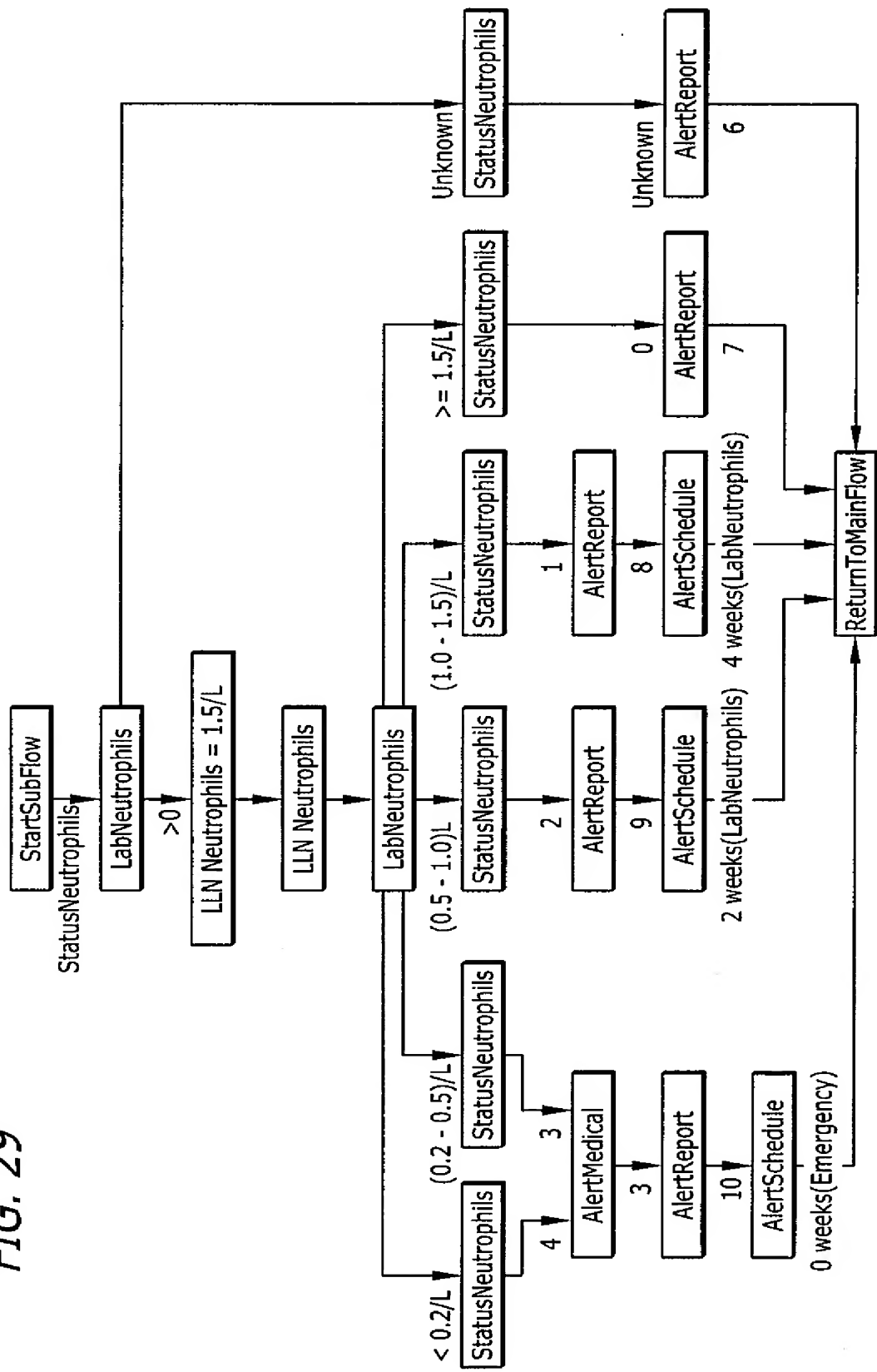


FIG. 30

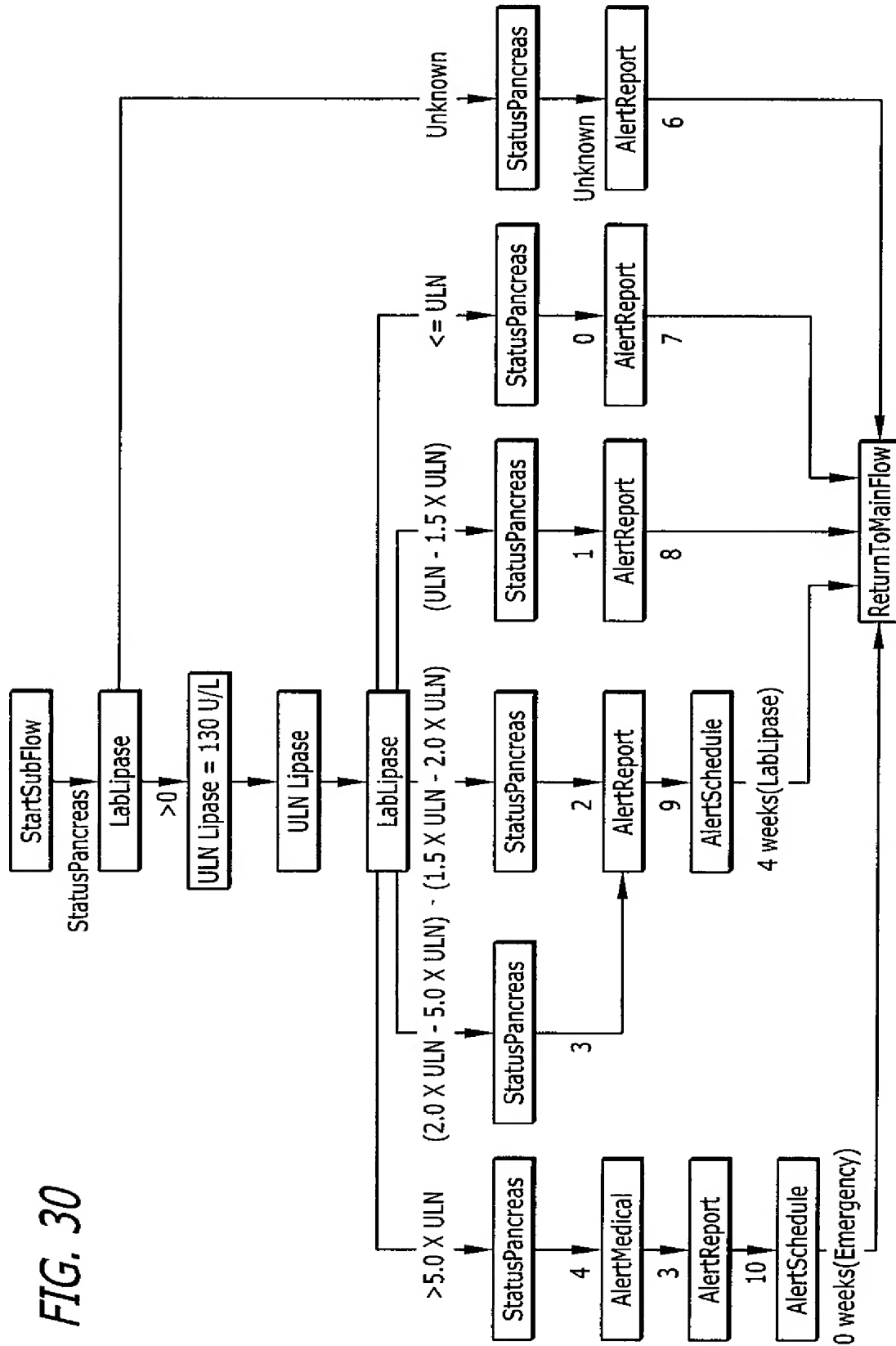


FIG. 31

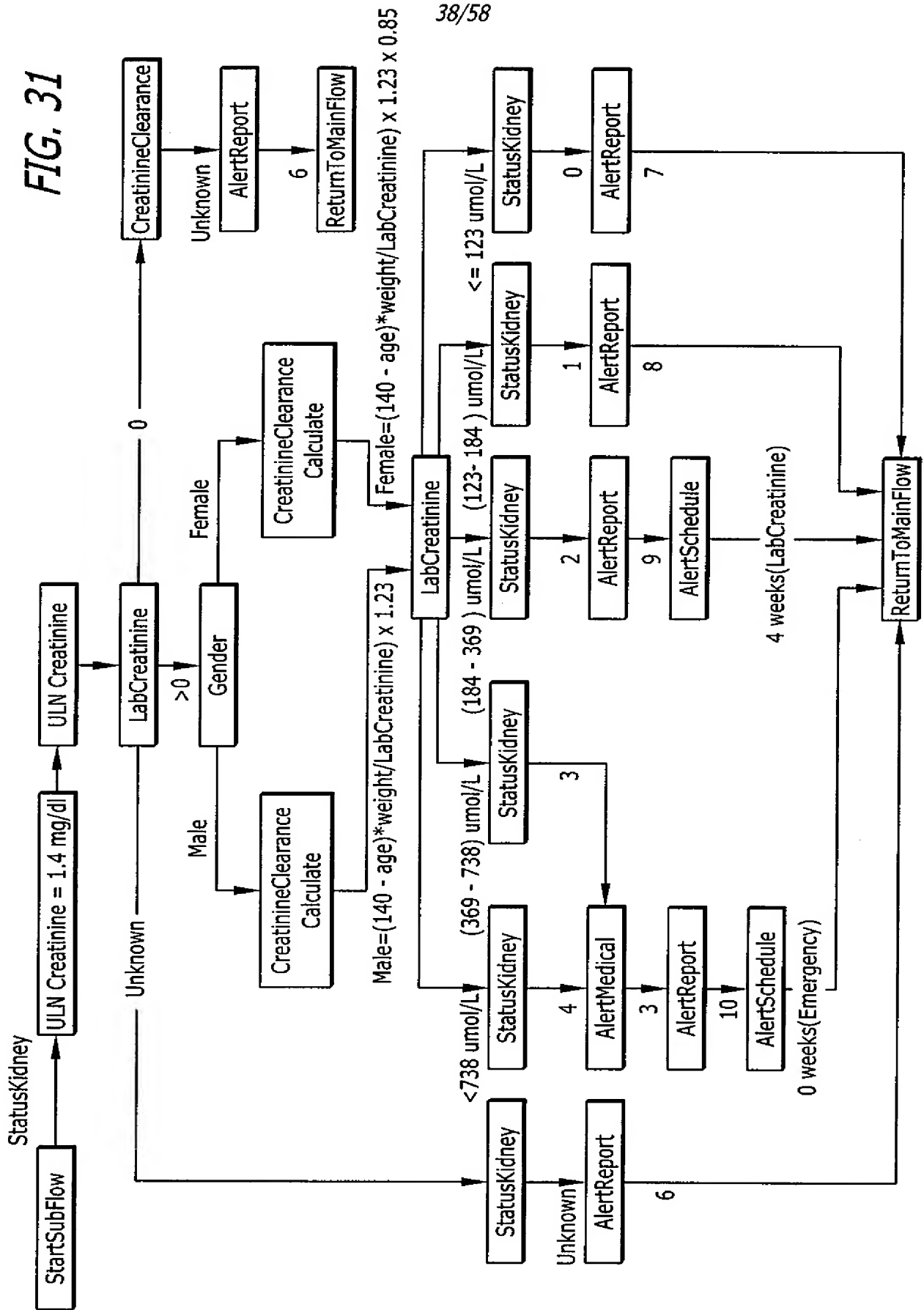
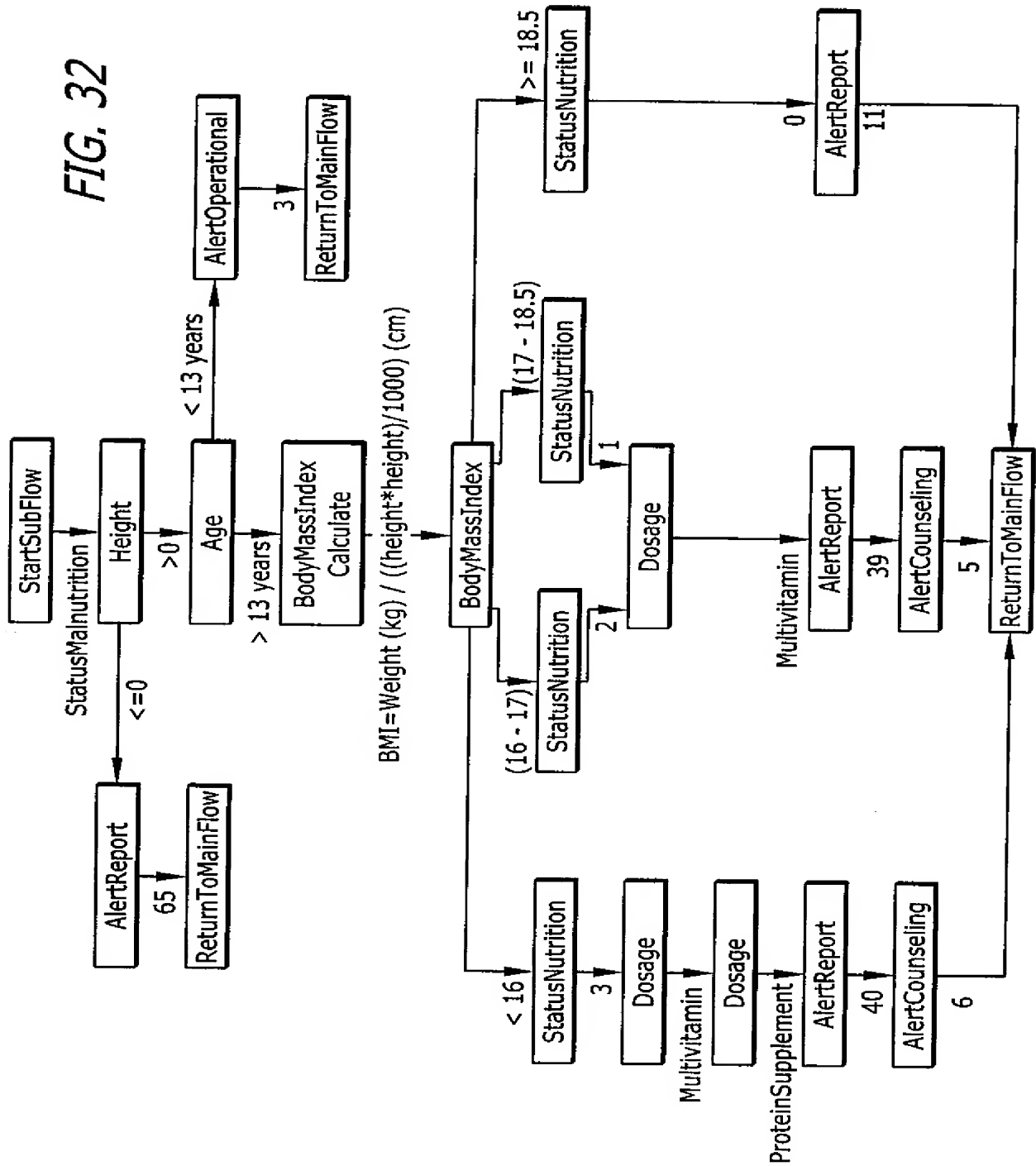


FIG. 32



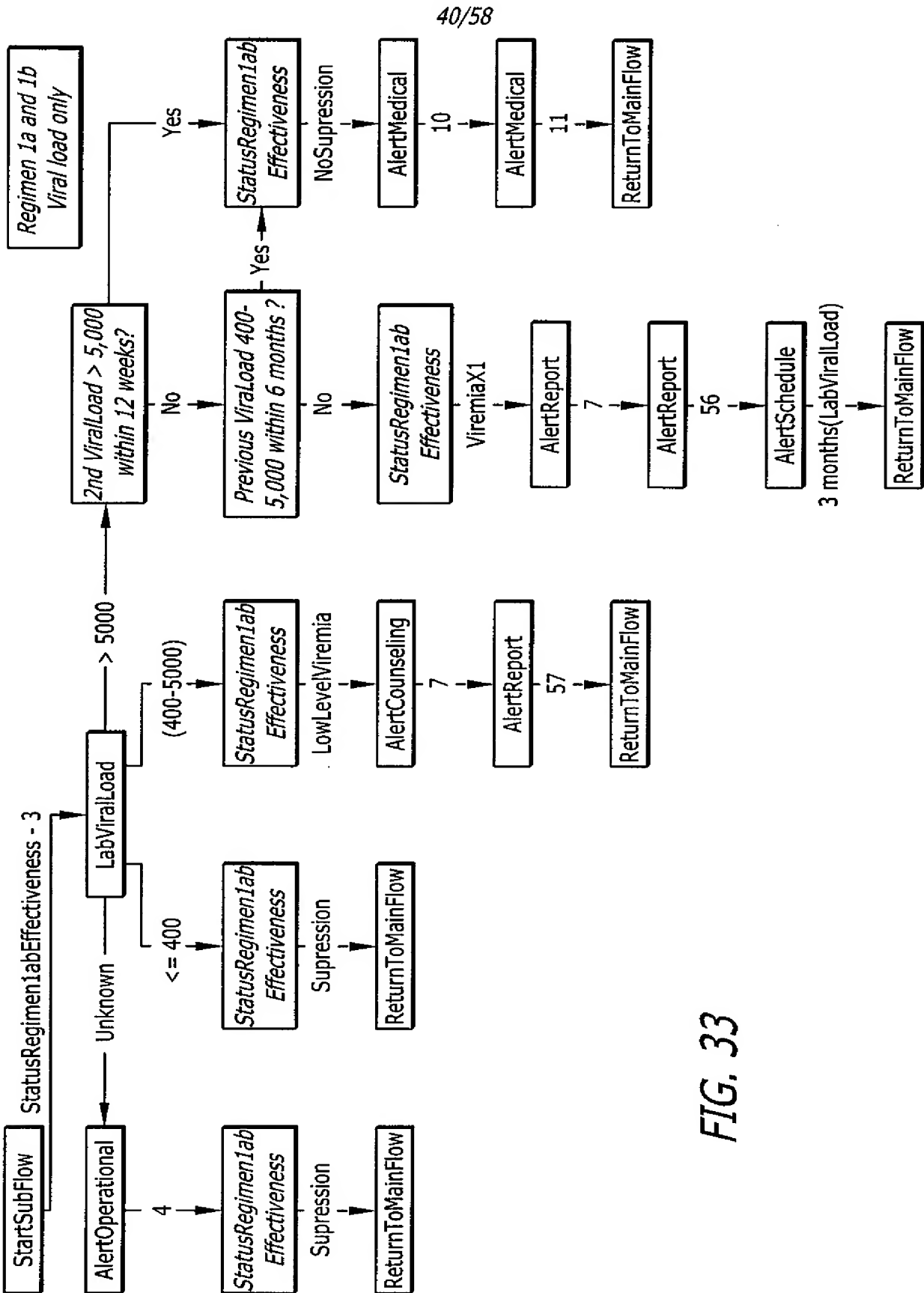


FIG. 33

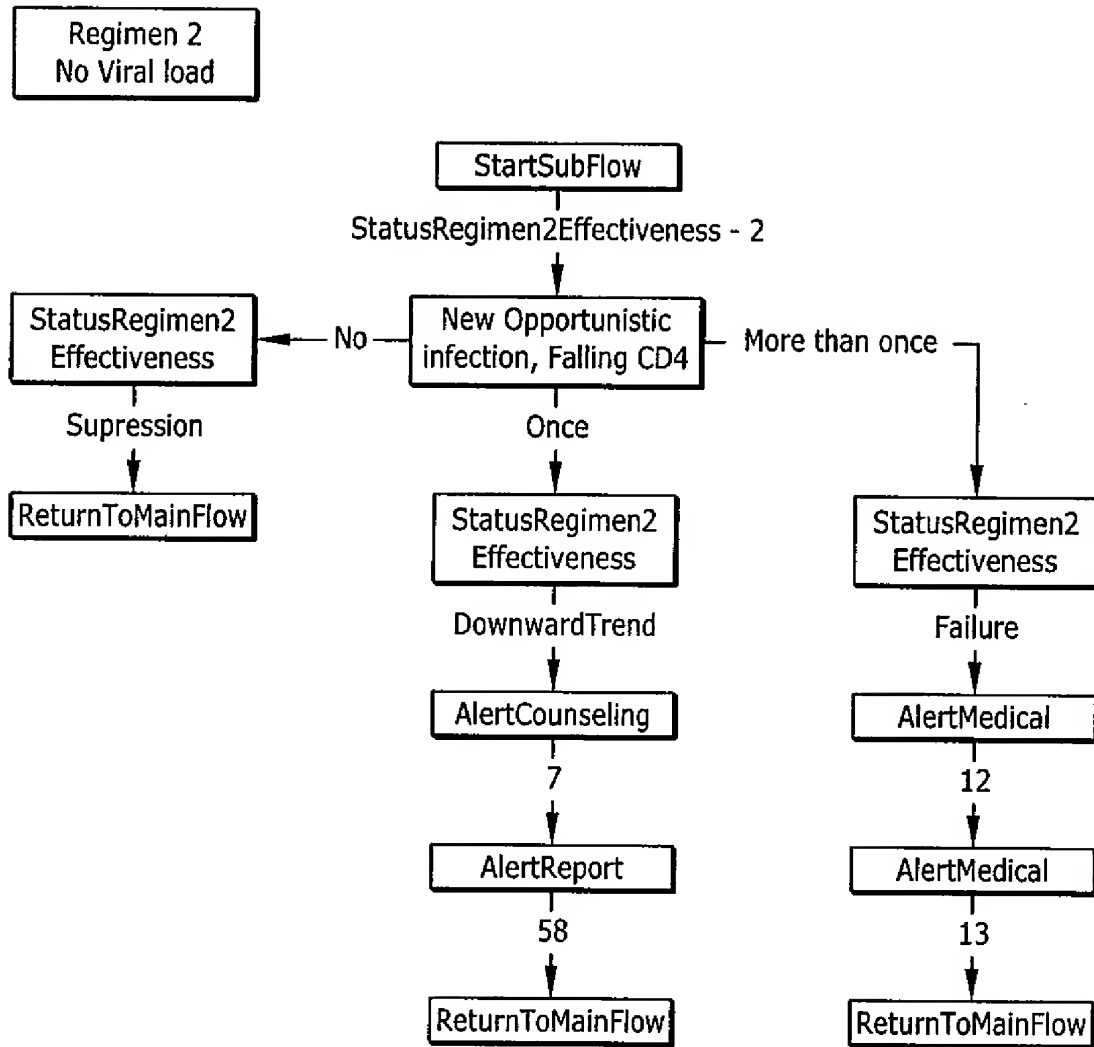
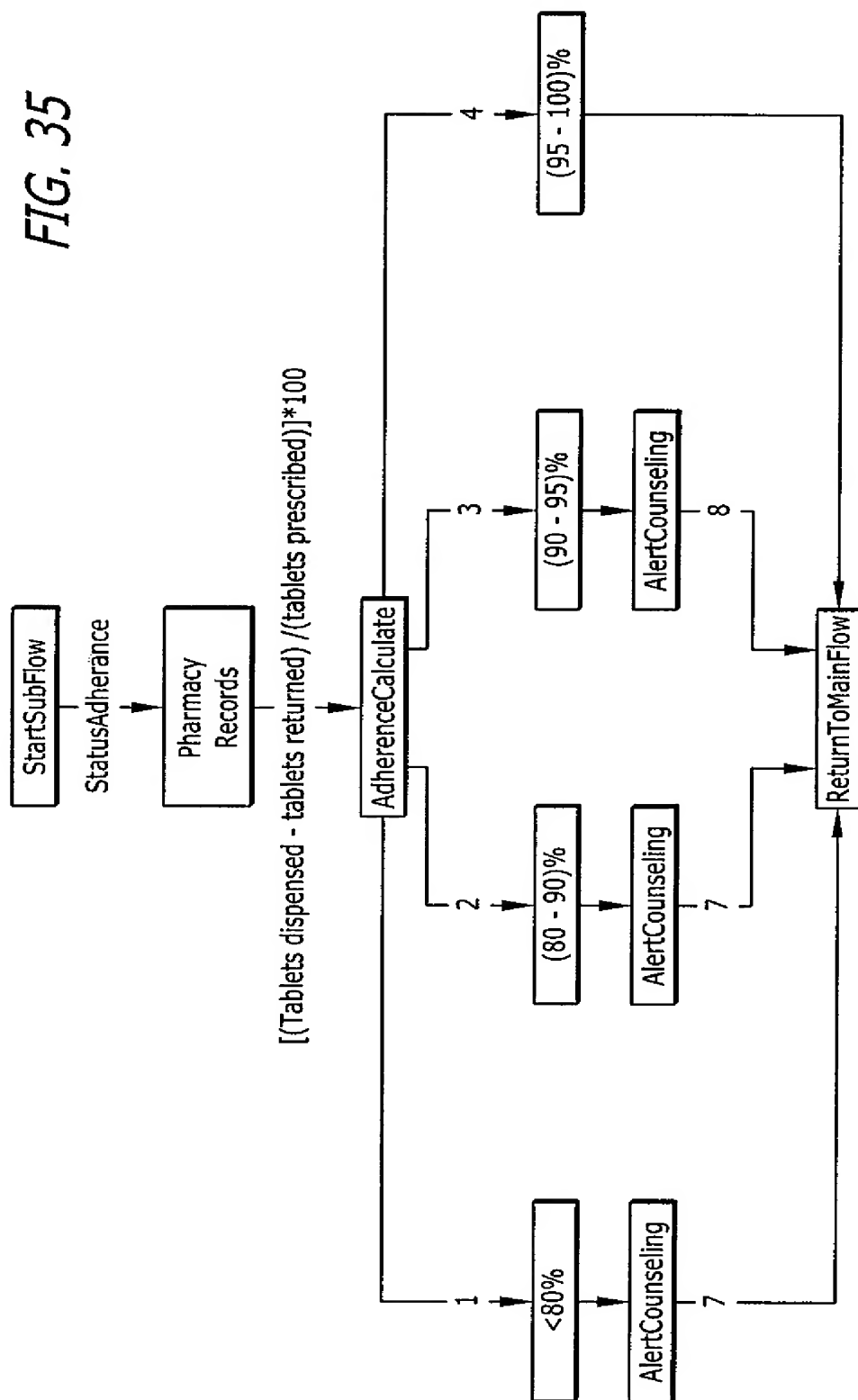


FIG. 34

FIG. 35



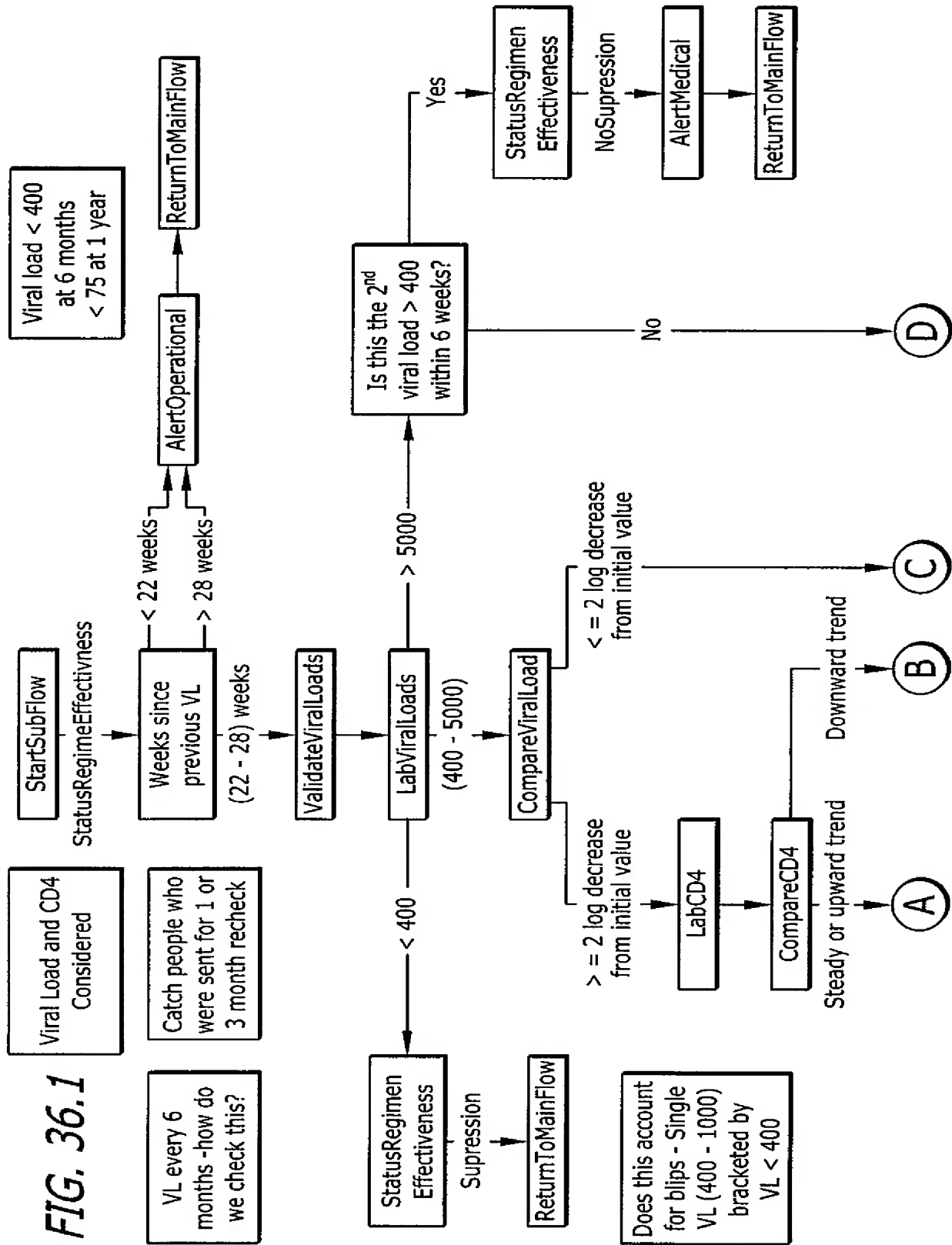
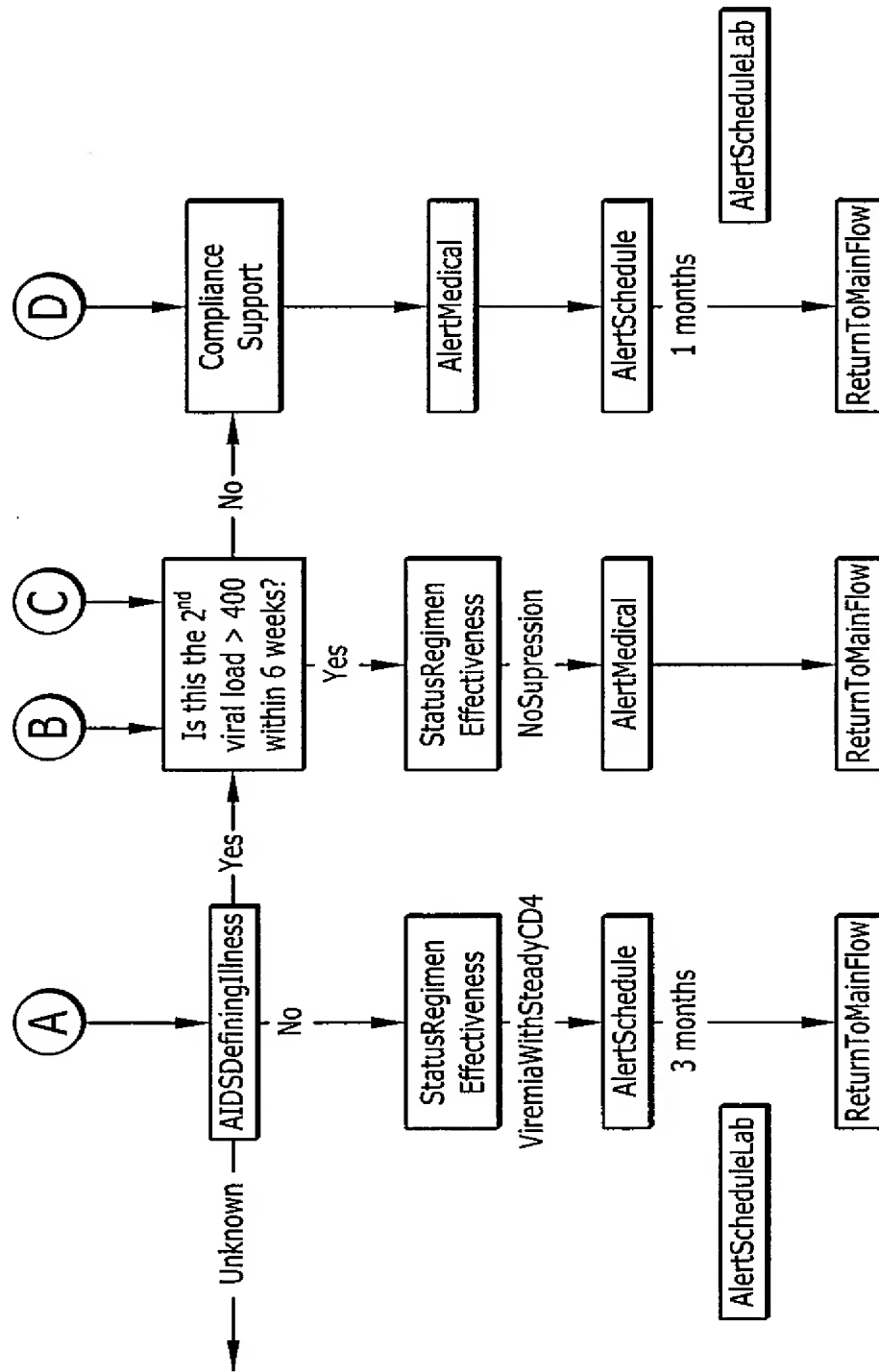


FIG. 36.2



Master Patient Data Entry

Master Patient

MasterPatientID		Address1	
Title		Address2	
First Name		Address3	
Middle Name		City	
Last Name		Province	
Male <input type="radio"/>		Country	
Female <input type="radio"/>		Zip	
Date Of Birth		Cell Phone	
Place Of Birth		Home Phone	
Date Of Death		E-mail Address	
NationalID		MasterPatientData	
Insurance <input type="checkbox"/>		MasterPatientDate Type	<input type="checkbox"/>

Load Add Clear Cancel

FIG. 37

FIG. 40

☐ DataEntry2

Clinical Data Form

Psychological

Psychological problems, present or in the past YES NO Unknown

Depression - overwhelming sadness, not related to any event Depression

Thoughts or attempts of suicide Suicide

Previous mental illness requiring treatment/hospitalization Mental illness

Regimen Failure

Has patient failed regimen 1a YES NO Unknown

Has patient failed regimen 1b YES NO Unknown

Nevirapine Resistant

Nevirapine Resistant - proven YES NO Unknown

Nevirapine

On Nevirapine within last month? YES NO

FIG. 41

☐ Clinical Data Form

Clinical Data Form

TB Status

Treatment for active TB in the past 2 years?	<input type="button" value="YES"/>	<input type="button" value="NO"/>	<input type="button" value="Unknown"/>
Is your treatment for active TB complete?	<input type="button" value="YES"/>	<input type="button" value="NO"/>	<input type="button" value="Unknown"/>
Are you being treated for active TB now?	<input type="button" value="YES"/>	<input type="button" value="NO"/>	<input type="button" value="Unknown"/>
Are you taking isoniazid to prevent TB now?	<input type="button" value="YES"/>	<input type="button" value="NO"/>	<input type="button" value="Unknown"/>

TB Symptoms

Cough > 2 weeks	<input type="button" value="NO"/>	<input type="button" value="YES"/>
Fever > 2 weeks	<input type="button" value="NO"/>	<input type="button" value="YES"/>
Night Sweats	<input type="button" value="NO"/>	<input type="button" value="YES"/>
Weight loss > 1.5 kg in past 4 weeks	<input type="button" value="NO"/>	<input type="button" value="YES"/>

FIG. 42

REPLACEMENT SHEET

DataEntry5

HAART Prep Form

Operations

Safer Sex Completed	<input type="text" value="NO"/>	<input type="text" value="YES"/>
Home Work Issues Completed	<input type="text" value="NO"/>	<input type="text" value="YES"/>
Legal Protection Completed	<input type="text" value="NO"/>	<input type="text" value="YES"/>
Nutrition Completed	<input type="text" value="NO"/>	<input type="text" value="YES"/>
Drug Literacy Completed	<input type="text" value="NO"/>	<input type="text" value="YES"/>
Home Assessment Completed	<input type="text" value="NO"/>	<input type="text" value="YES"/>

<< Enter Reset Cancel

Labs Form			
Patient	15	LABS Complete	
Previous Lab	11/24/2004	No	

	YYYY	MM	DD	Previously Ordered
Current CD4	2004	12	27	Not Ordered
Previous CD4	2004	11	24	
Viral Load				
Liver - ALT				
Hemoglobin				
Neutrophils				
Lipase				
Creatinine				
TB Skin Test				
Sputum - TB	2004	12	27	

Today's Date

Replicate Date

Reset Dates

Not Done

Error - Correct Lab Error

Cancel

Enter

Reset

Override

FIG. 44

DataEntryLab		Patient		Previous Lab		LABS Complete		Override	
		15		11/24/2004					
Labs Form									
Current CD4	30	Cells/mL	Unknown	YYYY	MM	DD	Previously Ordered		
Previous CD4	45	Cells/mL	Unknown	2004	12	27	Not Ordered		
Viral Load		c/mm3	Unknown	2004	11	24			
Liver - ALT		U/L	Unknown						
Hemoglobin		g/L	Unknown	Not Done					
Neutrophils		/MM3	Unknown						
Lipase		U/L	Unknown						
Creatinine		umc/L	Unknown						
TB Skin Test	Positive	Negative	Unknown						
Sputum - TB	Positive	Negative	Unknown	2004	12	27			
Lab Entered									
Done									

FIG. 46

☐ Print preview

Patient Flow Analysis

Alerts High

Active TB - requires treatment
Signs of active TB

Alerts Med/Low

Active TB - requires treatment
Signs of active TB

Alerts Low

(Standardized) unknown
Nutrition within normal limits

Medication

Rifampin 2x 450mg (standard)

Next Appointment

Regular Scheduled 2005/01/05
Lab: ALT

Health Notes

Demographics

Patient ID: 15 Date: 2004/12/27

Physical

Gender: Male Age: 25 Weight: 60 kg Height: 170 cm

Regimen

10 5 Weeks

Lab Results

Current CD4	30 cells/mL	2004-12-27
Previous CD4	45 cells/mL	2004-12-27
Viral Load		
Liver - ALT		
Hemoglobin		
Neutrophils		
Lipase		
Creatinine		
TB Skin Test	Positive	2004-12-27
TB Sputum		

NY State ☒ **NY State** ☐ **Compliance** ☐ **Effective** ☐

FIG. 47

<input type="checkbox"/> Display Patient		Creation Date 2004/12/27 12:04:45 AM		Patient ID 15	
Date of Birth 1979/07/09		Height 170 cm		Weight 60 kg	
Are you currently on antiretroviral medicine for HIV/AIDS? YES NO		Do you want to be on medicine for AIDS? YES NO		Documented, number positive HIV tests? 0 1 2	
Gender Male Female		HAART Regimen ZDV/3TC/ABC		Select Print Close	
AIDS-defining illness, at present or in past? Pneumocystis Pneumonia - current or previous? Thrush - persistent		YES YES YES NO NO NO		Unknown Unknown Unknown	
Allergic to Bacrim? Was Bacrim dispensed? Bacrim Pill Count - Is patient compliant? Has patient kept 3 appointments in a row? Pain and/or tingling in hands and/or feet?		YES YES YES YES YES NO NO NO NO NO		Unknown Unknown Unknown Unknown	
Psychological problems, present or in past?		YES NO		Unknown	
Has patient failed regimen 1a Has patient failed regimen 1b Nevirapine Resistant - proven On Nevirapine within last month?		YES YES YES YES NO NO NO NO		Unknown Unknown Unknown Unknown	
Treatment for active TB in last 2 years? Is your treatment for active TB complete? Are you being treated for active TB now?		YES YES YES NO NO NO		Unknown Unknown Unknown	
Are you taking Isoniazid to prevent TB now?		YES NO		Unknown	
Cough > 2 weeks Fever > 2 weeks Night sweats Weight loss > 1.5 kg in past 4 weeks		YES YES YES YES NO NO NO NO			

FIG. 48

☐ AppointmentEvaluation

Appointment Status

Patient ID
15

Select

Print

Close

HAART Regimen Start: 2004/11/24 Regimen: HAARTRegSAGovia
Last Appointment: 2004/12/27 Next Scheduled Appointment: 2005/01/19
Weeks since HAART initiated: 5
Patient Appointment due in 3 weeks

Procedure to be performed

☒ Drug Pickup
☒ Education
☒ Physical Exam - Doctor

Lab Tests

☒ ALT

FIG. 49

MasterPatientDataEntry

Done

	Number	% of Total
Total Number of Potential HIV/AIDS Patients	35	
HAART 1a Regimen	24	69
HAART 1b Regimen	0	0
HAART 2 Regimen	0	0
PreHAART	11	31

	Number	Ave Time	HI Time	Lo Time
Total Number of Potential HIV/AIDS Patients	36	1908	6369	690
Total Number of Potential HIV/AIDS Patients	1	9	52	4
		20	58	11

Performance

Flows Executed

Data Entry of Clinical Data Form

Data Entry of Lab Forms

	True	False	Unknown
Clinical Data Form			
Females Pregnant	0	1	0
AIDS Defining Illness	0	35	0
Allergic to Bactrim	0	35	0
Peripheral Neuropathy	0	35	0
Psychological	0	35	0
Regimen Failure			
Nevirapine Resistant			
Nevirapine			

FIG. 50

Display Log

Print
Export
Close

PatientID	12/25/2004 6:38:25 PM	15
StartMainFlow		15
DetermineAgeCategory	Gauteng - 9	14
StartSubFlow		15
Age	DetermineAgeCategory	7
ReturnToMainFlow	25 ; >= 14years ; Adult	11
AgeCategory	Adult ; Adult	2
ClinicalDataFormComplete	Yes ; Yes	7
LabsComplete	Yes ; Yes	7
AIDSDefiningIllness	No ; No	5
Gender	Male ; Male	7
ConfirmHIVStatus	ConfirmHIVStatus - 3	14
StartSubFlow	NoHAART ; NoHAART	15
StatusGeneral	2 ; 2	7
HIVStatusConfirmed	1 ; 1	7
AlertReport	2 ; > 1	6
HIVStatusConfirmed	2 ; 2	7
ReturnToMainFlow		2
HIVStatusConfirmed		7
Bactrim	Bactrim - 2	14
StartSubFlow	No ; No	15
PneumocystisPneumonia	Unknown ; Unknown	5
Through	250 ; > 200	7
LabCD4	250 ; > 0	7
CD4Previous	Yes ; Yes	7
Bactrim CD4 Test	250 ; > 200	7
CD4Previous	62 ; 62	6
AlertReport		2
ReturnToMainFlow		14
StatusMalnutrition	StatusMalnutrition	15
StartSubFlow	25 ; > 13years	7
Age	20.7612456747405 ; BMI=Weight [kg] / ((height*height) 1000[cm]	6
BodyMassIndexCalculate	20.7612456747405 ; >=18.5	7
BodyMassIndex	0 ; 0	11
StatusNutrition	11 ; 11	6
AlertReport		2
ReturnToMainFlow		14
StatusLiver	StatusLiver	15
StartSubFlow	No Value	7
LabALT	Unknown ; Unknown	11
StatusLiver	6 ; 6	6
AlertReport		2
ReturnToMainFlow		14
StatusActiveTB	StatusActiveTB	15
StartSubFlow	Unknown ; Unknown	5
TBActiveTreatmentComplete	No ; No	5
TBActiveTreatmentCurrent	No ; No	5
Cough > 2 weeks	Yes ; Yes	5
Fever > 2 weeks	5 ; 5	6
AlertMedical	Unknown ; Unknown	7
LabTBSputum	Ordered ; Ordered	6
StatusActiveTB	5 ; 5	2
AlertOperational		
ReturnToMainFlow		